ENGLISH
ESPAÑOL

LG G3

BC

MFL69169901 (1.0)

www.lg.com

Copyright©2015 LG Electronics, Inc. ***All rights reserved****.*
LG and the LG logo are registered trademarks of LG Corp.
All other trademarks are the property of their respective owners.

When using this product, the safety precautions below must be taken to avoid possible legal liabilities and damages.

Retain and follow all product safety and operating instructions. Observe all warnings in the product operating instructions. To reduce the risk of bodily injury, electric shock, fire, and damage to the equipment, observe the following precautions.

ELECTRICAL SAFETY

This product is intended for use when supplied with power from the designated battery or power supply unit. Other usage may be dangerous and will invalidate any approval given to this product.

SAFETY PRECAUTIONS FOR PROPER GROUNDING INSTALLATION

CAUTION: Connecting to improperly grounded equipment can result in an electric shock to your device. This product is equipped with a USB cable for connecting to a desktop or notebook computer. Be sure your computer is properly grounded (earthed) before connecting this product to the computer. The power supply cord of a desktop or notebook computer has an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet which is properly installed and grounded in accordance with all local codes and ordinances.

SAFETY PRECAUTIONS FOR POWER SUPPLY UNIT

Use the correct external power source

A product should be operated only from the type of power source indicated on the electrical ratings label. If you are not sure of the type of power source required, consult your authorized service provider or local power company. For a product that operates from battery power or other sources, refer to the operating instructions that are included with the product.

Handle battery packs carefully

This product contains a Li-ion battery. There is a risk of fire and burns if the battery pack is handled improperly. Do not attempt to open or service the battery pack. Do not disassemble, crush, puncture, short external contacts or circuits, dispose of in fire or water, or expose a battery pack to temperatures higher than 60°C (140°F).

> *WARNING: Danger of explosion if battery is incorrectly replaced. To reduce risk of fire or burns, do not disassemble, crush, puncture, short external contacts, expose to temperature above 60°C (140°F), or dispose of in fire or water. Replace only with specified batteries. Recycle or dispose of used batteries according to the local regulations or reference guide supplied with your product.*

Take extra precautions

- Keep the battery or device dry and away from water or any liquid as it may cause a short circuit.
- Keep metal objects away so they don't come in contact with the battery or its connectors as it may lead to short circuit during operation.
- The phone should be only connected to products that bear the USB-IF logo or have completed the USB-IF compliance program.
- Do not use a battery that appears damaged, deformed, or discolored, or one that has any rust on its casing, overheats, or emits a foul odor.
- Always keep the battery out of the reach of babies and small children, to avoid swallowing of the battery. Consult a doctor immediately if the battery is swallowed.
- Only use the battery with a charging system that has been qualified with the system per this standard, IEEE-Std-1725-200x. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage or other hazard.
- Replace the battery only with another battery that has been qualified with the system per this standard, IEEE-Std-1725-200x. Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard.

- Avoid dropping the phone or battery. If the phone or battery is dropped, especially on a hard surface, and the user suspects damage, take it to a service center for inspection.
- If the battery leaks:

  Do not allow the leaking fluid to come in contact with skin or clothing. If contact occurs, flush the affected area immediately with clean water and seek medical advice.

  Do not allow the leaking fluid to come in contact with eyes. If contact occurs, DO NOT rub; rinse with clean water immediately and seek medical advice.

  Take extra precautions to keep a leaking battery away from fire as there is a danger of ignition or explosion.

SAFETY PRECAUTIONS FOR DIRECT SUNLIGHT

Keep this product away from excessive moisture and extreme temperatures. Do not leave the product or its battery inside a vehicle or in places where the temperature may exceed 140°F (60°C), such as on a car dashboard, window sill, or behind glass that is exposed to direct sunlight or strong ultraviolet light for extended periods of time. This may damage the product, overheat the battery, or pose a risk to the vehicle.

PREVENTION OF HEARING LOSS

CAUTION: Permanent hearing loss may occur if earphones or headphones are used at high volume for prolonged periods of time.

SAFETY IN AIRCRAFT

Due to the possible interference caused by this product to an aircraft's navigation system and its communications network, using this device's phone function on board an airplane is against the law in most countries. If you want to use this device when its use is restricted on board an aircraft, remember to switch to Airplane Mode which turns off RF functions that could cause interference.

ENVIRONMENT RESTRICTIONS

Do not use this product in gas stations, fuel depots, chemical plants or where blasting operations are in progress, or in potentially explosive atmospheres such as fueling areas, fuel storehouses, below deck on boats, chemical plants, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders. Please be aware that sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

EXPLOSIVE ATMOSPHERES

When in any area with a potentially explosive atmosphere or where flammable materials exist, the product should be turned off and the user should obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Users are advised not to use the equipment at refueling points such as service or gas stations, and are reminded of the need to observe restrictions on the use of radio equipment in fuel depots, chemical plants, or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. These include fueling areas, below deck on boats, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

ROAD SAFETY

Vehicle drivers in motion are not permitted to use communication services with handheld devices, except in the case of emergency. In some countries, using hands-free devices as an alternative is allowed.

SAFETY PRECAUTIONS FOR RF EXPOSURE

- Avoid using your phone near metal structures (for example, the steel frame of a building).
- Avoid using your phone near strong electromagnetic sources, such as microwave ovens, sound speakers, TV and radio.
- Use only original manufacturer-approved accessories, or accessories that do not contain any metal.
- Use of non-original manufacturer-approved accessories may violate your local RF exposure guidelines and should be avoided.

INTERFERENCE WITH MEDICAL EQUIPMENT FUNCTIONS

This product may cause medical equipment to malfunction. The use of this device is prohibited in most hospitals and medical clinics.

If you use any personal medical device(s), consult the manufacturer of your device(s) to determine if the device(s) are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

HEARING AIDS

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider, or call the customer service line to discuss alternatives.

NON-IONIZING RADIATION

Your device has an internal antenna. This product should be operated in its normal-use position to ensure the radiative performance and safety from interference. As with other mobile radio transmitting equipment, users are advised that for satisfactory operation of the equipment and for personal safety, it is recommended that no part of the human body be allowed to come too close to the antenna during operation of the equipment. Use only the supplied integral antenna. Use of unauthorized or modified antennas may impair call quality and damage the phone, causing loss of performance and SAR levels exceeding the recommended limits as well as result in non-compliance with local regulatory requirements in your country. To assure optimal phone performance and ensure human exposure to RF energy is within the guidelines set forth in the relevant standards, always use your device only in its normal-use position. Contact with the antenna area may impair call quality and cause your device to operate at a higher power level than needed. Avoiding contact with the antenna area when the phone is IN USE optimizes the antenna performance and the battery life.

HAC

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Consult your service provider or the manufacturer of this phone for information on hearing aid compatibility. If you have questions about return or exchange policies, consult your service provider or phone retailer.

Important Customer Information....3
Table of Contents....9
Technical Details....10
The Basics....15
Connecting to Networks and Devices....39
Calls....43
Web....53
Communication....57
Entertainment....64
Tools....80
Settings....94
Safety....114
Specifications....139
LIMITED WARRANTY STATEMENT....140
Index....144

Cautions

- The user interface of Google applications (Google Search, Google Maps, Navigation, etc.) can vary depending on its software version.
- Locations are inaccurate when GPS and Wi-Fi are not set to On.
- With the Android operating system, some available Play Store applications only operate correctly with phones that have a specific screen resolution. Please be advised that some of the applications on the Play Store may not be available for your phone due to an LCD resolution requirement that does not match your phone. In addition, please be aware that 3rd party applications with programming defects may cause issues with your phone, including lock-ups and resets.

Technical Details

CDMA Standard	Designator	Description
Basic Air Interface	TIA/EIA-95A TSB-74 ANSI J-STD-008 TIA/EIA-IS2000	CDMA Dual-Mode Air Interface 14.4kbps Radio Link Protocol and Inter-band Operations IS-95 Adapted for PCS Frequency Band CDMA2000 1xRTT Air Interface
Network	TIA/EIA/IS-634 TIA/EIA/IS-651 TIA/EIA/IS-41-C TIA/EIA/IS-124	MAS-BS PCSC-RS Intersystem Operations Non-Signaling Data Communications

Service	TIA/EIA/IS-96-B TIA/EIA/IS-637 TIA/EIA/IS-657 IS-801 TIA/EIA/ IS-707-A	Speech CODEC Short Message Service Packet Data Position Determination Service (gpsOne) High Speed Packet Data
1x EV-DO Related Interface	TIA/EIA/IS-856 TIA/EIA/IS-878 TIA/EIA/IS-866 TIA/EIA/IS-890	CDMA2000 High Rate Packet Data Air Interface 1x EV-DO Inter-Operability Specification for HRPD Access Network Interfaces Recommended Minimum Performance Standards for HRPD High Rate Packet Data Access Terminal Test Application Specification (TAS) for High Rate Packet Data Air Interface

LTE Standard	Designator	Description
Basic Air Interface	TS 36.101 TS 36.104	Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) radio transmission and reception

Conformance Test	TS 36.521-1 TS 36.521-2 TS 36.521-3	Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification; Radio transmission and reception; Part 1: Conformance testing Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification; Radio transmission and reception; Part 2: Implementation Conformance Statement (ICS) Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification; Radio transmission and reception; Part 3: Radio Resource Management (RRM) conformance testing

FCC RF Exposure Information

WARNING! Read this information before operating the phone.

In August 1996, the Federal Communications Commission (FCC) of the United States, with its action in Report and Order FCC 96-326, adopted an updated safety standard for human exposure to Radio Frequency (RF) electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and those international standards.

Part 15.19 statement

This device complies with part15 of the FCC rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

Part 15.21 statement

Changes or modifications that are not expressly approved by the manufacturer for compliance could void the user's authority to operate the equipment.

Part 15.105 statement

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The LG G3 operates on 4G network, based on Long Term Evolution (LTE) technology and Mobile Broadband 4G networks in the United States*.

Now you can connect easily at high speeds to the Internet, your corporate Intranet, and your email while you're away from the office.

* Service not available everywhere.

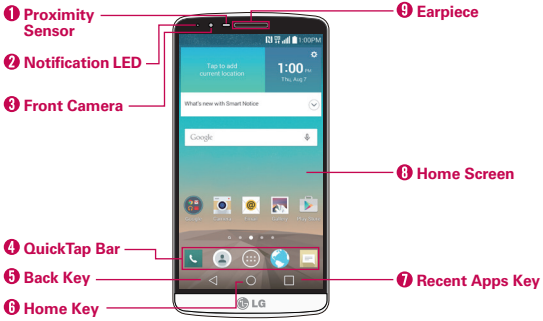
* Information subject to change.

Wi-Fi Caution

This device is capable of operating in 802.11a/n/ac mode. For 802.11a/n/ac devices operating in the frequency range of 5.15 – 5.25 GHz, they are restricted for indoor operations to reduce any potential harmful interference for Mobile Satellite Services (MSS) in the US. Wi-Fi Access Points that are capable of allowing your device to operate in 802.11a/n/ac mode(5.15 – 5.25 GHz band) are optimized for indoor use only. If your Wi-Fi network is capable of operating in this mode, please restrict your Wi-Fi use indoors to not violate federal regulations to protect Mobile Satellite Services.

Phone Overview

Front View



NOTES
- All screen shots in this guide are simulated. Actual displays may vary.
- Instructions to perform tasks in this guide are based on the default settings and may change depending on the mode and software version on your phone.

1. Proximity Sensor Senses proximity toward other objects (such as your head) so that tap commands are not accidentally activated (during a call or when carried inside a pocket.
   It also employs an ambient sensor which measures the surrounding light and adjusts the LCD brightness to provide a vivid screen.

   NOTE Don't block the sensor or near the sensor to avoid problems with the touchscreen.
2. Notification LED Flashes to alert you for notifications (e.g., incoming call, new text message, screen unlock, etc.).
3. Front Camera Use to take pictures and record videos of yourself. You can also use this for video chatting. Keep it clean for optimal performance.
4. QuickTap Bar Provides icons for quick, one-touch access to the Applications screen and the apps you use most often.
5. Back Key Tap this Touch Key (in the Touch Keys bar) to return to the previous screen or close pop-up items (such as menus, dialog boxes,

and the on-screen keyboard). Touch and hold it to access the Dual window function which allows you to use two apps at the same time.

6. Home Key Tap this Touch Key (in the Touch Keys bar) to return to the Home screen (or your default Home screen panel from any of the Home screen extension panels). Touch and hold it to access Google Now.
7. Recent Apps Key Tap this Touch Key (in the Touch Keys bar) to display recently used apps. Touch and hold this key to open an Options menu with options that affect the current screen or app. This only applies when available, depending on the screen or app.
8. Home Screen Displays all of the items needed to operate your phone including icons for app access, widgets, and the Status Bar (with status icons) allowing simple touch access to all of its functions and features.

WARNING! Placing a heavy object on the phone or sitting on it can damage the LCD and touchscreen functions.

9. Earpiece Lets you hear callers and automated prompts.

Rear View

10. Rear Camera Use to take photos and record videos. Keep it clean for optimal performance.
11. Laser Detection Auto-focus Detects the distance between the rear camera lens and nearby objects using laser technology. This feature

helps the camera to focus quickly and accurately at short or long distances.

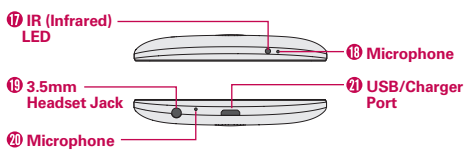
NOTE Don't cover the Proximity Sensor and Laser Detection Auto-focus with a protection film, pouch, or protection case not authorized by LG as they may cause the device to malfunction.

12. Power/Lock Button Press to turn off the screen backlight and lock the screen, or turn the screen backlight back on. Press and hold to turn the phone on/off, restart it, and activate/deactivate Airplane mode.
13. NFC Touch Point Tap the back of your phone to an NFC tag or another NFC compatible device in this location to transfer data between them.
14. Speaker Use to listen to audio (e.g., music, videos, sound clips, speakerphone, etc.) from the rear speaker instead of the earpiece.
15. Volume Buttons Press to adjust the ringer, the media volumes, or the in-call volume during a call.

TIPS
- With the screen backlight off (asleep), you can press and hold the **Volume Down Button** to activate the **Camera** app.
- With the screen backlight off (asleep), you can press and hold the **Volume Up Button** to access the **QuickMemo+** app.

16. LED Flash Brightens up the captured image or recorded video when you turn on the flash.

Top and Bottom View



17. IR (Infrared) LED Uses infrared to communicate with devices using the QuickRemote app.
18. Microphone Transmits your voice to the other caller. It's also used for voice-activated functions.

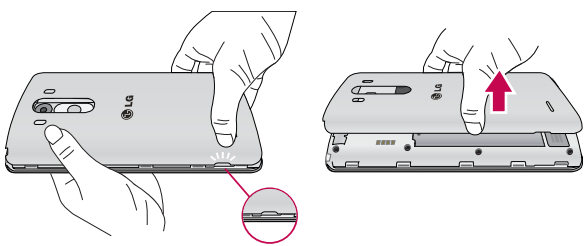
19. **3.5mm Headset Jack** Allows you to plug in an optional headset for convenient, hands-free conversations. You can also plug in headphones to listen to music.
20. **Microphone** Transmits your voice to the other caller. It's also used for voice-activated functions.
21. **USB/Charger Port** Allows you to connect the phone and the USB Cable for use with the Charger Adapter, or other compatible accessories.

NOTE You may purchase a separate fast data cable from LG to enjoy higher data transfer speed with compatible devices (e.g., laptop).

Setting Up Your Phone

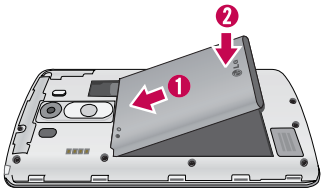
Step 1. Remove the Back Cover

Insert your fingernail into the slot located on the lower left of the back cover and lift the cover up gently.



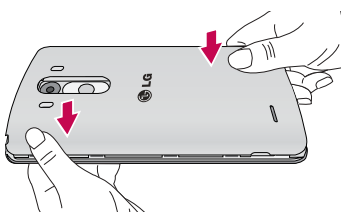
Step 2. Insert the Battery

Insert the battery in its compartment, making sure to align the gold contacts. Press down gently to secure the battery.



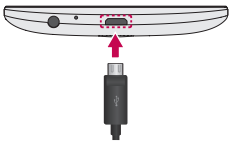
Step 3. Replace the Back Cover

Place the cover over the back of the phone, then press down along the edges to secure the cover.



Step 4. Charge the Phone

Before turning on your phone, fully charge the battery. Be sure to use the USB Cable and Charger Adapter that came with your phone. Correctly orient the USB Cable plug before inserting it in the USB/Charger Port to avoid damage to your phone. See **Charging the Phone** on page 23 for more information.

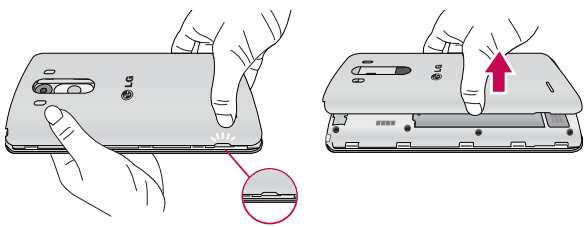


NOTE It's important to fully charge the battery before initial use of the phone to maximize the battery's lifetime.

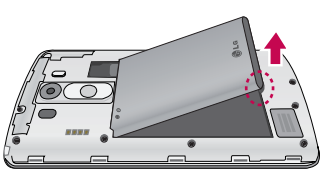
Removing the Battery

Removing the battery

1. Insert your fingernail into the slot located on the lower left of the back cover and lift the cover up gently.

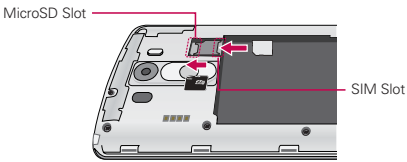


2. Use the fingertip cutout at the bottom of the battery compartment to lift the battery out.



Inserting and Removing the SIM card and microSD card

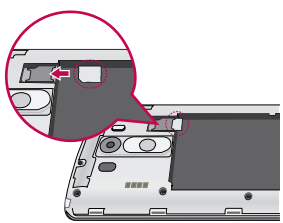
SIM/SD slot location



Inserting the SIM card

Before you can start exploring your new phone, you'll need to set it up. To insert the SIM card:

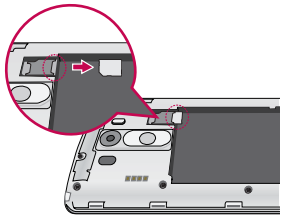
1. Remove the back cover and the battery.
2. Locate the slot for the SIM card (the lower of the two slots above the upper-right corner of the battery compartment) and gently side the SIM card in to insert it.



Removing the SIM card

If you need to replace your SIM card, refer to the following instructions.

1. Turn the phone off, then remove the back cover and the battery (as demonstrated in the previous instructions).
2. Locate the slot for the SIM card (the lower of the two slots above the upper-right corner of the battery compartment) and gently slide the SIM card out to remove it.



CAUTION If a microSD card is inserted in your phone, please remove it from the upper slot before trying to remove the SIM card.

Inserting the microSD card

1. Remove the back cover (as demonstrated in the previous instructions) and locate the dual slot just above the upper-right corner of the battery compartment. (microSD is inscribed near the slot opening.)
2. Position the microSD card (sold separately) with the label side facing up and the gold contacts toward the slot, then carefully slide it into the upper slot until it's secured in place.

NOTE The microSD card can be easily damaged by improper operation. Please be careful when inserting, removing, or handling it.
This device supports up to a 2TB microSD card.

To unmount the microSD card

It's important to unmount the microSD card prior to removing it from the phone to avoid damage to it or the data saved on the card.

1. From the Home screen, touch and hold the **Recent Apps Key** ▢ (in the Touch Keys bar) > **System settings** > **General** tab > **Storage**.
2. Tap **Unmount SD card**.

To remove the microSD card

1. Unmount the microSD card.
   - From the Home screen, touch and hold the **Recent Apps Key** ▢ (in the Touch Keys bar) > **System settings** > **General** tab > **Storage** > **Unmount SD card**.
2. Remove the back cover and locate the microSD card slot (as demonstrated in the previous instructions).
3. Carefully pull the microSD card out to remove it.

Charging the Phone

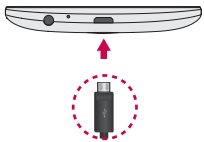
Your phone comes with a USB Cable and a Charger Adapter which connect together to charge your phone. Correctly orient the USB Cable plug before inserting it in the USB/Charger Port to avoid damaging your phone.

NOTE Please only use an approved charging accessory to charge your LG phone. Improper handling of the USB/Charger Port, as well as the use of an incompatible charger, may cause damage to your phone and void the warranty.

1. Correctly orient the USB Cable with the Charger Adapter, and connect them. As shown below, both the USB logo on the USB Cable and the LG logo on the adapter will face toward you.

2. The USB/Charger Port is located at the bottom of the phone. Correctly orient the cable's plug with the port before plugging it in. As shown below, the USB logo on the cable will face upward.
3. Plug the Charger Adapter into an electrical outlet to begin charging.

Charging with the USB Cable



USB Cable

NOTE

Make sure to correctly orient the cable's plug with the port before plugging it in. When the phone is facing upward, the USB logo on the cable will also face upward.

You can use your computer to charge your phone. To be able to charge with the USB Cable, you need to have the necessary USB drivers installed on your PC first. Connect one end of the USB Cable to the USB/Charger Port on your phone (as shown above) and connect the other end to a USB port on your PC. It's best to use the rear USB port when connecting to a desktop PC. The USB hub should be powered by an external power source.

NOTE You may experience a slower charging rate when charging from your computer.

Turning the Phone On and Off

Turning the phone on

- Press and hold the **Power/Lock Button** on the back of the phone for a couple of seconds until the screen turns on.

Turning the phone off

1. Press and hold the **Power/Lock Button** on the back of the phone until the Phone options menu appears.
2. Tap **Power off** in the Phone options menu.
3. Tap **OK** to confirm that you want to turn off the phone.

Turning the screen on using the Knock Code feature

If your Lock screen unlock sequence is set to a Knock Code, tap your Knock Code on the darkened screen to automatically turn the screen on and unlock it at the same time.

TIP When the screen is in time-out and a Knock Code is set, pressing the **Power/Lock**

Button ⏻ (on the back of the phone) displays the Lock screen (e.g., to check the time). You can tap your Knock Code to unlock the screen or turn the screen back off by pressing the **Power/Lock Button** ⏻ again (or double-tap the Status Bar).

NOTES
- If you enter incorrect Knock Code 5 times consecutively, you will be required to enter the backup PIN you have set.
- Use a fingertip instead of a fingernail to tap the screen to turn the screen on.
- If Knock Code isn't your unlock sequence, the Knock Code feature isn't activated, and you can use the KnockON feature by double-tapping the screen.

Setting up the Knock Code feature

1. From the Home screen, touch and hold the **Recent Apps Key** ▢ (in the Touch Keys bar) > **Lock screen settings**.
2. Tap **Select screen lock** > **Knock Code**.
3. Tap the squares in a pattern (from 3 to 8 taps) to set your Knock Code, then tap **Continue**, enter it again, then **Confirm**.

Turning the screen on using the KnockON feature

The KnockON feature allows you to turn the screen on or off easily by double tapping the screen.

- Quickly double-tap the center of the screen to turn the screen on.
- Quickly double-tap the Status Bar, an empty area on the Home screen, or the Lock screen to turn the screen off.

NOTES
- When turning the screen on (using the KnockON feature or your Knock Code), avoid covering the proximity sensor. Doing so will not allow you to turn the screen on.
- While Knock Code is in use, double-tapping the screen while it's off will turn it on and display the Knock Code grid to allow you to enter your Knock Code.

To unlock the phone

If you don't use the phone for a while, the screen and backlight will turn off to conserve battery power. To unlock the phone's default Lock screen:

1. Turn the screen on.
   - Press the **Power/Lock Button** ⏻ (on the back of the phone). The default Lock screen will appear.

NOTE Avoid covering the proximity sensor when turning the screen on. Doing so immediately turns the screen off.

OR

- Quickly double-tap the center of the screen (KnockON).

NOTE If you set up a Knock Code in the Screen lock setting, you can tap your sequence to turn the screen on and unlock the screen at the same time.

2. From the center of the screen, swipe in any direction to unlock it.
   - To use a shortcut, swipe the shortcut icon (at the bottom of the screen) in any direction. The screen will unlock and launch the app.

NOTE The default Lock screen simply locks the screen to prevent unintentional actions. For more security to guard against unauthorized use, you can set an unlock requirement (such as a knock code, pattern, PIN, password, or face recognition) that will need to be entered to unlock it.

Phone's Status Icons

The Status Bar appears at the top of every screen. It displays icons indicating that you've received notifications (on the left) and icons indicating the phone's status (on the right), along with the current time.

If you have more notifications than can fit in the Status Bar, the More notifications icon is displayed as an indicator to open the Notifications panel to view them all.

The following icons may appear in the Status Bar.

Call icons

	In call		Missed call
	Speakerphone is on		Microphone is muted

Sound icons

	Silent mode is activated		Vibrate mode is activated
	Music is playing		

Network icons

	3G connection		3G in use
	4G LTE connection		4G LTE in use
	Wi-Fi connection		Signal strength
	No signal		Roaming
	Network Extender		No SIM card
	Unknown SIM card		Airplane mode is activated
	GPS is on		App update available
	App update successful		Downloading
	Uploading		Download successful
	Emergency Alert		

Connectivity icons

	Syncing		Problem with sign-in or sync
	Mobile Hotspot is on		USB connected
	Bluetooth connection		Mobile Broadband connection
	Bluetooth headset full battery		Bluetooth is on
	NFC is on		Bluetooth headset low battery
	Headset with microphone is connected		Headset is connected
	Internal storage is full		

Email and Messaging icons

	New email		New Gmail message
	New text or multimedia message		New voicemail

	Email not sent		Message not sent
	New Hangouts message		

Calendar and Alarm icons

	Alarm is set		Upcoming event

Battery icons

	Full battery		Charging battery
	Low battery		Empty battery
	Not Charging		

Other icons

	More notifications available		Screenshot captured

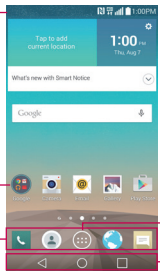
Getting to Know the Home Screen

The Home screen is your starting point to access all of the features on your phone using simple motions on the touchscreen. It's comprised of multiple panels (swipe horizontally to switch). You can customize all of your Home screen panels with app shortcuts, icons, widgets, and other features.

Status Bar
Shows device status information, including the time, signal strength, battery status, and notification icons.

App Icon
Tap an icon (app, widget, folder, etc.) to open and use it.

QuickTap Bar
Icons that provide easy, one-touch access to the functions used most often.



Apps Screen Icon
Tap here to open the Applications screen to view all of your installed apps.

Touch Keys
Displayed on all screens, these keys allow you to easily navigate within the device software.

QuickTap bar icons

The QuickTap bar is located on all of your Home screen panels (at the bottom of the screen in portrait view) to allow quick and easy navigation to the apps you use most often. The following five icons are included in the QuickTap bar.

: Opens the **Phone** app which displays the dialpad so you can dial a number not stored in your phone's memory. It also provides additional tabs at the top of the screen to access your Call logs, Contacts, Favorites, and Groups.

: Opens the **Contacts** app which displays the names and numbers stored in your phone's memory. It also provides additional tabs at the top of the screen to access the dialpad, your Call logs, Favorites, and Groups.

: Opens the **Apps** screen which displays phone options and apps. It also provides a Widget tab, a Search icon , and a Menu options icon at the top of the screen.

: Opens the **Browser** app to access the web browser.

: Opens the **Messaging** app so you can send and view text and multimedia messages.

Touch Keys

The Touch Keys are displayed in a bar at the bottom of all of the screens to provide easy navigation within the device software.

NOTE The Touch Keys are displayed along the right side of the screen when the phone is held horizontally. If you don't see the keys, drag upward from the bottom of the screen to redisplay them.

Back Key: Tap to back up one step at a time and close on-screen items such as pop-up messages, the on-screen keyboard, etc. Touch and hold the Back Key to activate Dual window mode which allows you to open two apps at the same time.

Home Key: Tap to immediately return to the Home screen. Touch and hold to access Google Now.

Recent Apps Key: Tap to display the apps you recently used. Touch and hold to access available options for the current screen or app.

Touchscreen

Your touchscreen provides an excellent way to interact with and use your Android™ phone. With the touch of your finger, you can download and use available apps, make menu selections, and access data saved to your phone.

The following terms are used for describing the different available actions using the touchscreen:

Touch or tap A single finger touch selects items. For example, tap an icon (e.g., an app, widget, or folder), tap words (e.g., menu selection or to answer an on-screen question), or touch letters and numbers to type.

NOTE Don't press too hard on the touchscreen. It's sensitive enough to detect a light, firm tap.

Touch and hold Touch and hold an item on the screen by touching it and not lifting your finger until an action occurs. For example, to open a

Context menu for editing a contact, touch and hold a contact entry until the menu pops up.

Drag Touch and hold an item for a moment and then, without lifting your finger, move your finger on the screen until you reach the target position. For example, you can drag items on the Home screen to reposition them.

Swipe, slide, or flick Move your finger quickly across the surface of the screen, without pausing when you first touch it (so you don't drag an item instead). For example, you can browse through the different Home screens by swiping from left to right (and vice versa), slide the screen up or down to scroll a list, or remove an app from the Recent apps screen by flicking its graphic off the screen.

Double-tap Tap the screen twice quickly to zoom, highlight text, or turn the screen on/off. For example, quickly double-tap a section of a web page to zoom that section to fit the width of the screen and control the zoom in Maps and in other apps. Double-tap a word to highlight it. Double-tap can also activate the KnockON feature to turn the touchscreen on or off.

NOTE The Accessibility settings shortcuts and Touch zoom accessibility features use a triple-tap. Double-tap also activates a new event in the Calendar app.

Pinch-to-zoom Use your index finger and thumb in a pinch motion (to zoom out) or spread motion (to zoom in) when using Chrome, a map, photos, the rear camera lens, the Contacts list, the Favorites list, the Groups list, the Messaging list, and a music list. Spread apart to make screen information larger (easier to see and read), or pinch together to view more area and information. The pinch gesture also changes the Home screen. Pinch in on the Home screen to change to mini panel view, then spread apart to return to the normal Home screen view. Spread apart on the normal Home screen to hide all of your Home screen items, then pinch in to redisplay them.

Rotate the screen From many apps and menus, the orientation of the screen adjusts to the phone's physical orientation by rotating the screen. You can deactivate this function in the Display settings menu.

Capturing the screen Press and hold the **Volume Down Button** and the **Power/Lock Button** on the back of the phone at the same time to capture the current image on the screen. The captured image is saved in the **Screenshots** folder of the Gallery.

NOTE You cannot capture an image from some videos and apps.

The Smart screen feature

The Smart screen feature keeps the phone from activating screen time-out when it detects your eyes looking at the screen. When you turn this feature on, you can set a shorter screen time-out to conserve your battery power, but still allow you to view a screen for a longer period of time without having to touch it to keep it activated.

To turn this feature on, from the Home screen, touch and hold the **Recent Apps Key** (in the Touch Keys bar) > **System settings** > **Display** tab > checkmark the **Smart screen** checkbox.

NOTES The following situations may prevent these features from functioning properly:

- When the phone is in the dark or against bright light.
- When the camera lens can't detect the location of your eyes.
- When the front camera is used at the same time with other apps.

Hardware button control mode

If your phone display is damaged or broken, you can answer an incoming call, or turn off an alarm using the hardware buttons on the back of the phone.

- **Answer a call:** Press both **Volume Buttons** at the same time.
- **Stop an alarm:** When an alarm rings, press and hold either of the **Volume Buttons** to stop the alarm. Press either **Volume Button** once to snooze the alarm.

To activate Hardware key control mode

1. Turn your phone off.
2. Press and hold the **Power/Lock Button** and both of the **Volume**

Buttons (on the back of the phone) at the same time for more than 6 seconds to enter Hardware key control mode.

3. Press the **Volume Buttons** to scroll to **Mode ON**, **Mode OFF**, or **Cancel**, then press the **Power/Lock Button** to confirm.

NOTE If you use your phone with a broken display glass, your phone may incur additional damage or cause injury. Make sure to visit an LG authorized service center to get your phone repaired.

Working with Menus

Options menus

Options menus contain tools that apply to the activities of the current screen or app, not to any specific item on the screen. To open the available Options menu, tap the **Menu** icon (at the upper-right corner of the screen). To open the Options menu on the Home screen, touch and hold the **Recent Apps Key** (in the Touch Keys bar at the bottom of the screen).

Context menus

Context menus contain options that apply to a specific item on the screen. To open a Context menu, touch and hold an item on the screen. Not all items have Context menus. If you touch and hold an item that has no Context menu, nothing will happen.

Managing Notifications

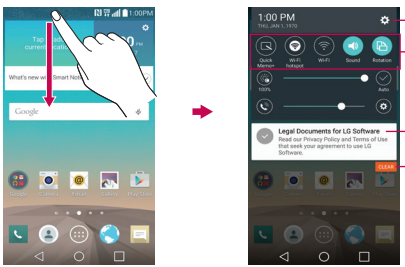
Notification icons report the arrival of new messages, calendar events, alarms, as well as ongoing events, such as when you're in a call.
When you receive a notification, the notification icon will be displayed in the Status Bar. You can open the Notifications panel to view a list of all of your recent notifications. Depending on your settings, you may hear a notification sound, and/or see a notification light (at the upper-left corner of the phone), and/or the phone may vibrate.

To open the Notifications panel

Touch and drag the Status Bar to the bottom of the screen.

The Notifications panel displays a list of your current notifications, organized into ongoing and event-based notifications. It also includes a Quick Settings icon bar (at the top of the panel) to allow you to quickly and easily change commonly used settings.

NOTE You can also access the complete Settings menu from this panel by tapping the **Settings** icon (at the upper-right corner of the screen).


1:00 PM
Settings menu icon
Quick Settings Bar
Flick right or left to scroll through the list and tap an icon to change its setting.
Legal Documents for LG Software
Tap a notification to open it.
CLEAR
Clear Button
Tap here to clear your list of event-based notifications.

To respond to a notification

1. Open the Notifications panel. Your current notifications are listed in the panel, each with a brief description.
2. Tap a notification to view it.

   The Notifications panel will close and the app that corresponds to your selection will open. For example, new voicemail notifications dial your voicemail box and Gmail notifications open the Gmail app so you can read your new messages.

To clear all notifications

1. Open the Notifications panel.
2. Tap the **Clear** button CLEAR (on the right side of the screen).
   All event-based notifications will be cleared; ongoing notifications will remain in the list.

To close the Notifications panel

Touch and drag the handle at the bottom of the Notifications panel to the top of the screen, flick the Notifications panel handle upward, or just tap the **Back Key** ◁ (in the Touch Keys bar).
The panel will also close when you touch a notification.

NOTE When you open the Notifications panel from the Lock screen, the Touch Keys bar is not displayed at the bottom of the screen. Drag or flick the handle upward to close it.

Setting your Lock screen

There are several Lock screen types allowing you to lock your phone so that only you can unlock it to make calls, access your data, buy apps, and prevent unauthorized use.

Setting a Screen Lock for the First Time

1. From the Home screen, touch and hold the **Recent Apps Key** ▢ (in the Touch Keys bar) > **Lock screen settings**.
2. Tap **Select screen lock**.
3. Tap **None**, **Swipe**, **Knock Code**, **Pattern, PIN,** or **Password**.

   None: No Lock screen is enabled so the screen will never be locked from use.

   S**wipe:** A swipe motion in any direction on the touchscreen will unlock the screen. This is the default Lock screen that simply guards against unintentional actions.

   Knock Code: Unlocks the screen by tapping a sequence on the screen's 2x2 grid. (The 2x2 grid that you used while setting up a Knock Code won't be displayed by default. However, the grid will be displayed if you have failed to enter incorrect knock codes 5 times consecutively.) The first time you set a Knock code, you'll see a tutorial with instructions on how to create it. Tap a sequence on the 2x2 grid (from 3 to 8 taps), then tap **Continue**. Tap your sequence again and tap **Confirm**.

   NOTE You're prompted to create a Backup PIN as a safety measure in case you forget your Knock code unlock sequence.

   Pattern: Unlocks the screen using a pattern you draw with your finger.

The first time you set an unlock pattern, you'll see a tutorial with instructions on how to create it. Read the tutorial, then tap **Next**. Draw your pattern (connect at least 4 dots) and tap **Continue**. Then redraw your pattern and tap **Confirm**.

NOTE You're prompted to create a Backup PIN as a safety measure in case you forget your unlock pattern sequence.

PIN Unlocks the screen with a number sequence. Enter a PIN (at least 4 digits) and tap **Continue**. Reenter your PIN and tap **OK** to confirm it.

Password Unlocks the screen with an alphanumeric sequence. Enter a password (at least 4 characters) and tap **Continue**. Re-enter your password and tap **OK** to confirm it.

From then on, any time you want to unlock the screen, you'll need to perform the unlock action you set (swipe, Knock Code, pattern, PIN, or password) to gain access to it.

Factory Data Reset

When you can't recall your Unlock Pattern, PIN, or Password:

If you logged into a Google account on the phone and failed to use the correct pattern 5 times, tap **Forgot pattern**? You will be required to sign in with your Google account and prompted to create a new unlock pattern.

If you have set a backup PIN, you can unlock the screen with keying in the backup PIN.

If you haven't created a Google account on the phone and you forgot your PIN, Password, and the backup PIN, you need to perform a hard reset.

CAUTION If you perform a hard reset, all user applications and user data will be deleted. Please remember to back up any important data before performing a hard reset.

Read ALL steps before attempting.

1. Turn the phone off.
2. Press and hold the following keys at the same time: **Volume Down Button** + **Power/Lock Button** on the back of the phone.
3. Release only the **Power/Lock Button** when the LG logo is displayed, then immediately press and hold the **Power/Lock Button** again.

4. Release all keys when the Factory data reset is displayed.
5. Press the **Volume Buttons** to highlight **Yes** in gray, then press the **Power/Lock Button** to continue.
6. Press the **Volume Buttons** to highlight **Yes** in gray, then press the **Power/Lock Button** once more to confirm.
7. Your device will perform a factory reset.

Guest Mode

Use Guest mode when you let someone else use your phone. They'll only be able to use the apps that you've selected. Once you set it up, you can easily put your phone in Guest mode by accessing the Lock screen and drawing the guest pattern that you set, which is different from your normal unlock pattern. It also supports Knock Code, PIN, and Password.

NOTE Guests can also use apps that your selected apps are linked to.

Setting up Guest mode

1. From the Home screen, touch and hold the **Recent Apps Key** (in the Touch Keys bar) > **System settings** > **General** tab > **Guest mode**.
2. Tap **Lock screen type**, then set the pattern you want to use to put your device in Guest mode.
   - If your Lock screen isn't set to an unlock sequence, you'll be prompted to enter an unlock sequence for yourself before you're prompted to enter an unlock sequence for your Guest mode.
3. Tap **Allowed app** to view which apps can be accessed in Guest mode.
   - Checkmark the apps that you want to allow to be accessed in Guest mode.
   - Remove checkmarks from the apps to hide in Guest mode.
   - Tap the **Back Key** (in the Touch Keys bar) when all of the checkboxes are set as you want.
4. Tap the **Guest mode** switch (in the upper-right corner of the screen) to turn it on (or off).

Using Guest mode

After you've set up and enabled Guest mode, lock the screen, then access the Lock screen (press the **Power/Lock Button** on the back of the phone or use the KnockON feature). Enter your Guest mode screen lock. The Guest mode Home screen is displayed with only the apps you've selected for guest access. To exit Guest mode, simply access the Lock screen again and enter your normal unlock screen lock.

Your Google Account

You must sign into a Google Account to use Gmail, Hangouts, Google Calendar, and other Google apps; to download apps from Play Store; to back up your settings to Google servers; and to take advantage of other Google services on your phone.

IMPORTANT

- If you don't sign into a Google Account during setup, you're prompted to sign in or to create a Google Account the first time you start an app that requires one, such as Gmail or Play Store.
- When you sign in, you're prompted to enter your username and password using the on-screen keyboard.
- After you sign in, your contacts, Gmail messages, Calendar events, and other information from these apps and services on the web are synchronized with your phone.
- If you have an enterprise account through your company or other organization, your IT department may have special instructions on how to sign in to that account.

Connecting to Mobile Networks

When you buy your phone and sign up for service, your phone is configured to use your provider's mobile networks for voice calls and for transmitting data.
Different locations may have different mobile networks available. Initially, your phone is configured to use the fastest mobile network available for data. You can also configure your phone to access a different set of networks entirely, or to behave in specific ways when roaming.

The following icons in the Status Bar indicate which kind of data network you're connected to and the network signal strength.

4G	Connected to the 4G network (LTE).
3G	Connected to the EVDO network (EVDO revA).
	Signal strength - the more bars that are lit, the stronger the wireless signal.
	Connected to another wireless service provider's network (roaming).

When connected to slower networks, you may want to postpone using your phone for data-intensive tasks until you're connected to a faster network again or find a Wi-Fi network to connect to.

To disable data when roaming

You can prevent your phone from transmitting data over other carriers' mobile networks when you leave an area that's covered by your carrier's networks. You can still transmit data with a Wi-Fi connection when Global data roaming access is restricted. This is useful for controlling expenses if your cell plan doesn't include data roaming.

1. From the Home screen, touch and hold the **Recent Apps Key** ▢ (in the Touch Keys bar) > **System settings** > **Networks** tab > **Tethering & networks** > **Mobile networks**.
2. Tap the **Data roaming** check box to remove the check mark and disable data services while roaming.

Connecting to Wi-Fi Networks

Wi-Fi is a wireless networking technology that can provide Internet access at distances of up to 100 meters, depending on the Wi-Fi router and your surroundings.

To use Wi-Fi on your phone, you must connect to a wireless access point. Some access points are open and you can simply connect to them. Others are hidden or implement other security features, so you must configure your phone so it can connect to them.

Turn off Wi-Fi when you're not using it, to extend the life of your battery.

When you connect to a Wi-Fi network, the phone obtains a network address and other information it needs from the network, using the DHCP protocol. To configure the phone with a static IP address and other advanced settings, from the Wi-Fi settings screen, touch and hold the connected network. Tap **Modify network** in the Context menu that appears, then checkmark the **Show advanced options** checkbox.

To turn Wi-Fi on and connect to a Wi-Fi network

1. From the Home screen, touch and hold the **Recent Apps Key** ☐ (in the Touch Keys bar) > **System settings** > **Networks** tab > **Wi-Fi**.

   If the Wi-Fi switch OFF is off (gray icon), tap it ON to turn on Wi-Fi (On turns blue), your phone scans for available Wi-Fi networks.

2. Tap a network, then tap **Connect** to connect to it.

   - If the network is open, you can connect to the network directly by tapping the network name.
   - If the network is secured, you'll be prompted to enter a password (Ask your network administrator for details).
   - When you're connected to a network, you can tap the network name in the Wi-Fi settings screen for details about the speed, security, and related settings.

USB Connection

USB connection is a feature that allows your phone to connect to a PC using a USB Cable.

Using the Status Bar to change the connection mode setting

The Status Bar displays the USB connection icon, when connected via USB.

When connected via USB, the current USB connection mode also appears on the Notifications panel. Tap the connection setting to display a screen where you can change the USB connection mode.

1. Connect the phone to your PC via a USB cable.
2. Open the Notifications Panel and tap the current USB connection type. Then tap **Media device** (MTP) or **Send images (PTP)** to connect to the PC.
   - Tap **Charge phone** to use only the charging function and not the USB function. It also allows you to safely disconnect your phone from your PC.

NOTE The MTP driver may not be installed on your PC by default. The driver is dependent on the PC's versions of Windows® and Windows Media Player (WMP).

SmartShare

You can use the SmartShare function to conveniently view photos and play videos (the Gallery app) and listen to music (the Music app).

To enjoy SmartShare

You can stream multimedia content on your phone to another device and also send files to it.

- **Play**: You can stream your content via TV, Bluetooth speaker, etc.
- **Beam**: You can send your content to Bluetooth devices or SmartShare Beam-supported LG phones.

NOTE SmartShare requires both Wi-Fi and Bluetooth networks, so when you access SmartShare, they'll turn on automatically.

3. Access the app that has the content you want to use with SmartShare, then tap the **SmartShare** icon , or the **Menu** icon (at the upper-right corner of the screen) > **SmartShare**.
4. Tap **Play** or **Beam**.
5. Select the DLNA connected device you want to use. Tap **Rescan** to find the device.

To enjoy content from nearby devices on your phone

You can play content saved to nearby devices on your phone. Your nearby devices must be supported by the DLNA function.

To set nearby devices

1. Ensure that your phone and the nearby devices are connected to the same Wi-Fi network.
2. Set the DLNA device to enable sharing.

Placing and Ending Calls

The Phone app allows you to dial phone numbers manually or make calls from your phone's memory. Manually dial calls using the **Dial tab**. Dial from your phone's memory using the **Call logs** tab, the **Contacts** tab, the **Favorites** tab, or the **Groups** tab.

To open the Phone app

- From the Home screen, tap the **Phone** icon (in the QuickTap bar).

Phone app tabs

The Phone app tabs (**Dial**, **Call logs**, **Contacts**, **Favorites**, and **Groups**) are at the top of the screen.

Moving between the Phone app tabs

Tap any of the Phone app tabs (**Dial**, **Call logs**, **Contacts**, **Favorites**, and **Groups**) at the top of the screen to view that tab. You can also flick horizontally on the screen to scroll to the other tabs. The current tab is displayed in white.

Modifying the Phone app tabs

You can rearrange the order of the Phone app tabs and/or delete the Favorites and Groups tabs.

1. From the Home screen, tap the **Phone** icon (in the QuickTap bar).
2. Tap the **Menu** icon (at the upper-right corner of the screen), then tap **Edit tabs**.
   - Drag a tab handle to move it to the position where you want it in the list.
   - Tap the **Favorites** or **Groups** checkbox (checkmark displays the tab, no checkmark deletes it from the Phone app tabs bar).
3. When you're finished making changes, tap **Save** (at the bottom of the screen).

To place a call by dialing

1. From the Home screen, tap the **Phone** icon (in the QuickTap bar) to open the Dial tab of the Phone app.
2. Use the dialpad to enter the number you want to call.
   - If you enter a wrong number, tap the **Delete Key** to erase digits one by one.
   - To erase the entire number, touch and hold the **Delete Key**.
   - To dial an international number, touch and hold 0 + to enter the plus (**+**) symbol. Then enter the international prefix for the country, followed by the full phone number.
3. Tap the **Call Key** (on the dialpad) to dial the number that you entered.
   - Press the **Volume Buttons** (on the back of the phone) to adjust the call volume.
   - Use the on-screen buttons to enter additional numbers, place the call on hold to take another incoming call, add another call, use the speakerphone, end the call, and other options.
   - You can use other phone features while the call is underway. If you open another app, the Call icon appears in the Status Bar for the duration of the call.

NOTE If you opened other apps while on a call, you'll need to return to the Call screen to end the call. To return to the Call screen, you can tap the **Home Key** ◯ (in the Touch Keys bar), then tap the **Phone** icon (in the QuickTap bar), or tap the call timer (at the upper-left corner of the Home screen). You can also drag the Status Bar down and tap the Call notification on the Notifications panel.

To end a call

- Simply tap the **End** button on the Call screen to end the call.

If you accessed other device functions while the call was in progress, there are several ways to return to the Call screen to end the call.

- Tap the **Home Key** ◯ (in the Touch Keys bar), tap the **Phone** icon (in the QuickTap bar), then tap the **End** button on the Call screen.
- Tap the **Home Key** ◯ (in the Touch Keys bar), tap the **Call** icon (at the

upper-left corner of the Home screen), then tap the **End** button on the Call screen.

- Drag the Status Bar down and tap **END CALL**.

NOTE You can also press the **Power/Lock Button** (on the back of the phone) to end the call, if you activated this feature in the Call settings menu.

Calling numbers in your phone's memory

You can place calls using information stored in your phone. Anywhere you see a Call icon next to a number, tap it to automatically dial it.

Speed dialing

If you set up Speed dials in the Contacts app, you can dial a number by simply touching and holding the Speed dial number on the dialpad.

- From the Home screen, tap the **Phone** icon (in the QuickTap bar), then touch and hold the Speed dial number.

Direct dialing

A Direct dial widget is like a speed dial button on your Home screen. Tap it to automatically call the number you set (for example, your home phone number).

To place a Direct dial widget on your Home screen

1. Touch and hold an empty area on your Home screen.
2. Tap the **Widgets** tab (at the bottom of the screen) > **Direct dial**.
3. Tap the contact in your Contacts list.

TIP You can change the look of each Direct dial widget for easy identification. Touch, hold, and release the Direct Dial widget, then tap it. Select a theme icon or a photo icon, then tap **OK**.

Answering or Rejecting Calls

When you receive a phone call, the Incoming call screen opens with the caller ID and any additional information about the caller that you've saved in the Contacts list. All incoming calls are recorded in the Call logs tab.

To answer a call

- Simply swipe the **Answer** icon in any direction to answer the call.
- If you were already on a call, swipe the **Answer** icon in any directions, which places the first call on hold and connects the new call.

NOTE To silence the incoming call ringer, press either of the **Volume Buttons** (on the back of the phone).

To ignore a call and divert it to voicemail

- Simply swipe the **Decline** icon in any direction to ignore the call.
- The caller is sent directly to your voicemail box to leave a message.

NOTE To silence the ringer, press either of the **Volume Buttons** (on the back of the phone).

To ignore a call and send a text message

- When you receive an incoming call, swipe the **Decline with message** icon in any direction.
- Tap the text message you want to send in place of answering the call.

NOTE This feature can only be used to send a message to another mobile phone. It's not applicable to incoming landline calls.

Working With the Call Logs Tab

The Call logs tab records all of the calls you've dialed, received, or missed. It offers a convenient way to redial a number, return a call, or add a number to your Contacts.

To open the Call logs tab

- From the Home screen, tap the **Phone** icon (in the QuickTap bar), then tap the **Call logs** tab (at the top of the screen).

  The Call logs tab lists your calls chronologically by phone number. The

number in parenthesis indicates the number of calls recorded for that phone number.

Viewing call entry details

Open the **Call logs** tab, then tap an entry to view all of the entries for that phone number. Calls are listed chronologically and each one includes the call type (received, dialed, and missed), the date, and the time of the call.

Filtering your list of calls

To view a specific call list, from the **Call logs** tab, tap the **Menu** icon (at the upper-right corner of the screen), then tap **Filter**. Tap the call type you want to view.

Tap the **Back Key** (in the Touch Keys bar) to return to the **Call logs** tab screen.

To dial a number in the Call logs tab

- From the **Call logs** tab, tap the **Call** icon at the right of the call entry.
- From the **Call logs** tab, tap the image to the left of the call entry to view all of the contact's numbers saved in your phone's memory. Tap a phone number to dial it.

TIP You can edit a phone number in the **Call logs** tab before you place the call (e.g., to insert an area code when you're traveling). Touch and hold the entry, then tap **Edit number before call** in the Context menu. Edit the number as necessary, then tap the **Call icon** on the keypad.

To add a number from the Call logs tab to your Contacts

1. Open the **Call logs** tab, then touch and hold the call entry.
2. Tap **Add to Contacts** in the Context menu.
3. Tap **New contact** or **Update contact** and save it as necessary.

Clearing your Call logs

You can delete the entire list of recent calls at once or selectively delete entries.

1. Open the **Call logs** tab.
2. Tap the **Menu** icon (at the upper-right corner of the screen).
   - Tap **Delete** to select entries to remove from the list. Checkmark the entries to delete, tap **Delete**, then **Yes**.
   - Tap **Delete all** to remove all of the entries from the list. Tap **Yes** to confirm you want to Clear (at the bottom of the screen), the entire list.

NOTE You can also select a specific number to be deleted. Touch and hold an entry in the Call logs list to open its Context menu. Tap **Delete all logs of this number**, then tap **Yes** to confirm.

Calling Your Contacts

Instead of manually dialing phone numbers using the dialpad, you can use your Contacts list to dial quickly and easily. You can also quickly call a contact using Quick Contact or Direct dial icons that you placed on your Home screen.

If you have contacts on the web, they're synchronized with your phone when you first synchronize with your Google™ Account.

To call a contact

1. From the Home screen, tap the **Contacts** icon (in the QuickTap bar).
2. Tap the contact you want to call.
3. Tap the contact's phone number you want to call.

To call a favorite contact

1. From the Home screen, tap the **Contacts** icon (in the QuickTap bar), then tap the **Favorites** tab (at the top of the screen).
2. Tap the contact you want to call.
3. Tap the contact's phone number you want to call.

Instant List

Instant list is displayed on the Dial tab to help you use the information stored in your phone without needing to search for it first. Once you begin

entering numbers, Instant list displays entries from your Contacts list or Recent calls that match the sequence you entered.

Sequence matches

Your phone searches for the entered sequence anywhere in the number; beginning, end, or anywhere in-between. The matching number sequence is displayed within the number in blue text. The name and type of number (i.e., Mobile, Work, etc.) associated with the number you entered is displayed above the dialpad. When there are multiple matches, the Instant list displays the number of matches in your phone's memory. Tap the Instant list icon on the right side of the screen to view the entire list of matching entries. Tap **Cancel** (at the bottom of the list) to close the list.

Selecting an Instant list entry

Tap an entry in the Instant list to insert it on the dialpad and tap the **Call Key** (on the dialpad) to dial it.

Options During a Call

To mute the microphone

- Tap the **Mute** button on the Call screen.

  The button is blue when the microphone is muted.

  When viewing the Call screen, you can unmute the microphone by tapping the **Mute** button again.

  The microphone is unmuted automatically when the call ends.

To turn the speakerphone on or off

- Tap the **Speaker** button on the Call screen.

  The button is blue when the speakerphone is on.

  When viewing the Call screen, you can turn the speakerphone off by tapping the **Speaker** button again.

  The speakerphone is turned off automatically when the call ends.

WARNING!

To avoid damage to your hearing, don't hold the phone against your ear when the speakerphone is turned on.

To switch between a Bluetooth headset and the phone

When a Bluetooth headset is paired and connected to your phone, you can conduct calls on the headset for hands-free conversation. During a call, you can opt to use the Bluetooth headset or just the phone.

- Tap the **Bluetooth** button on the Call screen to switch the call from the phone to the Bluetooth device, or vice versa.

Managing Multiple Calls

Contact your wireless service provider to find out which call services are supported.

To switch between current calls

- Tap the **Swap calls** button on the Call screen.

  The current call will be placed on hold and you'll be connected with the other call.

To set up a conference call

Contact your wireless service provider to find out whether they support conference calls and how many participants you can include.

1. Place a call to the first participant.
2. When you're connected, the **Menu** icon > **Add call**.
3. Enter a phone number on the dialpad.
   - Use the Phone app tabs (at the top of the screen) to select a saved number.

     OR

   - Use the keys on the dialpad to manually enter a number.
4. Tap the **Call Key** (on the dialpad) to place the call.

5. After you're connected, tap the **Merge calls** button (on the Call screen). The participant is added to the conference call.

Listening to Your Voicemail

When you have a new voicemail message, the **Voicemail notification** icon appears in the Status Bar. If you haven't set up your voicemail number, or if you need to change it, you can do that in the Call settings.

To listen to your Voicemail

- Open the Notifications panel and tap **New voicemail**.

  OR

- From the Home screen, tap the **Phone** icon (in the QuickTap bar), then tap and hold the 1 key (on the dialpad).

To set up your Voicemail

Typically, your carrier's voicemail system guides you through the process of listening to and managing your voicemail. The first time you call your voicemail, it also guides you through the process of recording greetings, setting a password, etc.

1. From the Home screen, tap the **Phone** icon (in the QuickTap bar).
2. Tap and hold the 1 key (on the dialpad) to dial your voice mailbox.
3. Follow the setup tutorial.
   - Enter a password.
   - Record a voice signature and greetings for your voice mailbox.

Airplane mode

Some locations may require you to turn off your phone's wireless connections by placing your phone in Airplane mode.

- Press and hold the **Power/Lock Button** (on the back of the phone), then tap **Turn on Airplane mode** in the Phone Options menu that appears.

OR

- From the Home screen, touch and hold the **Recent Apps Key** ▢ (in the Touch Keys bar) > **System settings** > **Networks** tab > the **Airplane mode** switch (on the right side of the screen).

OR

- Drag the Status Bar downward, then tap **Airplane mode** ✈ (in the Quick settings bar at the top of the screen).

NOTE Each of these access methods toggles the setting on and off.

Browser

Use this application to browse the Internet. Browser gives you a fast, full-color world of games, music, news, sports, entertainment and much more, right on your mobile phone wherever you are and whatever you enjoy.

NOTE Additional charges apply when connecting to these services and downloading content. Check data charges with your network provider.

1. From the Home screen, tap the **Apps** icon (in the QuickTap bar) > the **Apps** tab (if necessary) > **Browser**.

Using the Web toolbar

If the toolbar is not displayed, scroll to the top of the page to display it.

	Tap to go back one page.
	Tap to go forward one page, to the page you connected to after the current one. This is the opposite of what happens when you tap , which takes you to the previous page.
	Tap to go to the Home page.
	Tap to add a new window.
	Tap to access bookmarks.

Viewing webpages

Tap the address field, enter the web address and tap **Go**.

Opening a page

1. To go to new page, tap > .
2. To go to another webpage, tap , scroll up or down, and tap the page to select it.

Searching the web by voice

Tap the address field, tap , speak a keyword, and then select one of the suggested keywords that appear.

NOTE This feature may not be available depending on the region or service provider.

Bookmarks

- To bookmark the current webpage, tap > **Add to bookmarks** > **OK**.
- To open a bookmarked webpage, tap and select one.

History

Tap > **History** to open a webpage from the list of recently-visited webpages. To clear all history, tap > **Yes**.

Chrome

The Chrome app allows you to access the Internet from your phone. Access and selections within this feature are dependent upon your service provider. For specific information on Internet access through your phone, contact your service provider.

NOTES
- You may incur additional charges for accessing the web and downloading media. For details, contact your service provider.
- Chrome may differ from this user guide due to updates via Play Store.

Browse web pages

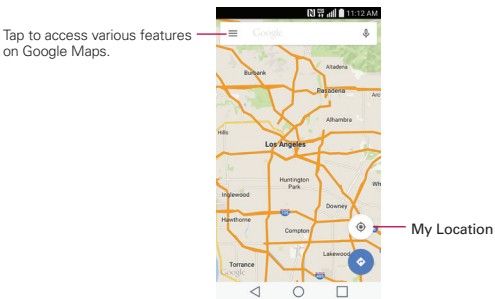
1. From the Home screen, tap the **Apps** icon (in the QuickTap bar) > the **Apps** tab (if necessary) > **Chrome** or tap **Chrome** (in the QuickTap bar) on the Home screen.
2. Tap the URL input field to access a specific web page. Enter the web address (URL) of the web page, then tap Go (on the on-screen keyboard).
3. Tap the **Menu** icon (at the upper-right corner of the screen) to access the Chrome Options menu.

Maps

The Maps app allows you to find places and get directions.

To open the Maps app

- From the Home screen, tap the **Apps** icon (in the QuickTap bar) > the **Apps** tab (if necessary) > the **Maps** icon.



Maps navigation

- Tap the Maps menu to access **Your places**, **Explore nearby**, **Traffic**, **Public transit**, **Bicycling**, **Satellite**, **Terrain**, **Google Earth**, **Tips and Tricks**, **Settings**, **Help**, and **Send feedback**.
- Drag across the screen to move across a displayed map.
- Pinch-to-zoom to zoom in or out of the map view.

Maps icons

Google Tap to open the keyboard to enter your search request.

- Red markers indicate search matches.
- Tap a marker to open a dialog box that contains a label and additional location information. You can save the location as a favorite, share the location, and save the map to use offline.

Tap to get directions to a destination.

- Use the starting point to insert **My Location** or select from the recent history.
- Get directions by **Car**, **Transit**, **Walking**, or **Biking**.
- Once starting and destination points are entered, you can tap the reverse icon (on the right side of the screen] to reverse the directions.

Tap to access map layers, Settings, Help, Send feedback, and Tips and Tricks.

Tap to display your current location on the map.

Contacts

The Contacts app allows you to store names, phone numbers, and other information in your phone's memory. Entries are listed alphabetically. You can scroll through the list, or tap the Favorites tab or Groups tab (at the top of the screen).

Use the Contacts app to add, view, and communicate with your friends, acquaintances, and associates.

To open your Contacts app

- From the Home screen, tap the **Contacts** icon (in the QuickTap bar).

NOTE You can also tap the Contacts tab (at the top of the screen) from the Phone app.

If you have a new phone and haven't added any contacts yet, the Contacts app will display hints on how to start adding contacts to your phone.

Contacts list

When you open the Contacts app, your contacts list is displayed. The alphabet is displayed vertically along the right side of the screen with a blue bar that indicates where you are in the list.

Adding Contacts

You can add contacts on your phone and synchronize them with the contacts in your Google™ Account, Microsoft Exchange account, or other accounts that support syncing contacts.

Since your contacts can come from a variety of sources, the Contacts app attempts to join new information with existing similar contact entries, to create a single entry. You can also manage that process manually by joining or splitting entries.

To add a new contact

1. Open the **Contacts** app.
2. Tap the **New contact** icon + (to the right of the search box).
3. If you have more than one account with contacts, select the account

where you want to save the contact by tapping the Accounts field (at the top of the screen).

NOTE To change the account later, edit the entry, tap the account (at the top of the screen), then tap the account you want it assigned to.

4. Enter the contact's name.
5. Tap a category of contact information, such as phone number or email address, to enter that kind of information about your contact.
   - Tap a category's **Add new** icon ⊕ to add more than one entry for that category. For example, in the phone number category, enter a work number and add a home number. Tap the label field to the right of the entered information to open a drop-down menu of preset labels. For example, **HOME** or **WORK** for a phone number.
   - Tap **Add another field** ⊕ (at the bottom of the screen), to add additional fields including **Phonetic name**, **Organization**, **IM**, **Notes**, **Nickname**, **Website**, and **Events**.
6. Personalize the contact entry.
   - Set a ringtone to identify calls from this contact.
   - Set the color of the notification LED (located at the upper-left corner of your phone) to identify notifications from this contact.
   - Tap the **Picture frame** icon to select a picture to identify the name in your list of contacts and in other apps.
7. When you're finished, tap **Save**.

Setting Speed Dial

1. Open the **Contacts** app, then tap the **Menu** icon ⋮ (at the upper-right corner of the screen).
2. Tap **Speed dial**.
3. Tap the speed dial number to assign.
4. Tap the Contact entry. If the contact has multiple phone numbers, tap the one you want to set as a speed dial.

Messaging

Two apps are preloaded on your phone that allow you to send messages. The **Messaging** app and the **Hangouts** app. You can set any of these as your default messaging app.

To open the Messaging app

- From the Home screen, tap the **Apps** icon (in the QuickTap bar) > the **Apps** tab (if necessary) > **Messaging**.

NOTE You must set the Messaging app as the default messaging app in order to use it. From the Home screen, tap the **Apps** icon > **Settings** > **General** tab > **Default message app** > **Messaging**.

Using the Messaging app

To use the Messaging features, open the Messaging app, tap the information box (at the top of the screen) to set it as your default messaging app, then Tap **OK**.

- Tap the **New message** icon (at the top right of the screen) to start a new text or multimedia message.
- Tap an existing message thread to open it.

NOTE Pinch in (or spread apart) on your list of messages to resize it for easier viewing or navigation.

To delete a message thread from the Messaging window

1. Touch and hold the message thread.
2. Tap **Delete** in the Context menu that opens.
3. Tap **Yes** to confirm you want to delete the message thread.

To send a text message

1. Open the **Messaging** app (set it as your default messaging app, if necessary), then tap the **New message** icon (at the top right of the screen).

2. Enter the recipient(s) in the **To** box.
   - Tap the Contacts icon (to the right of the To box), then select one or more entries from your Contacts list.
   - Enter a name or number, then select a suggestion from your Contacts list (displayed below the To box).
   - Enter a number manually for phone numbers not in your Contacts list.
3. Tap the text field, then enter your message.

   A character counter is displayed to the right of the message field to let you know how many more characters you can type and also the number of pages in the message.

   If you tap the **Back Key** (in the Touch Keys bar) while composing a message, it's automatically saved as a draft. The Draft icon on the right side of the message thread indicates a pending draft message to the recipient. Tap the message to resume composing it.
4. Tap the **Send** button (on the right side of the screen) to send the message.
   Your message is displayed and responses appear in the same window, creating a message thread with that contact.

Email

The Email app allows you to read email form services other than Gmail. The following account types are supported: Microsoft Exchange and other accounts.

To open the Email app

From the Home screen, tap the **Apps** icon (in the QuickTap bar) > the **Apps** tab (if necessary) > **Email** or tap the **Email** icon directly from the Home screen.

The first time you open the Email app, a setup wizard opens to help you add an email account. After the initial setup, the Email app displays the contents of your Inbox.

The Accounts list

The Accounts list displays all of your email accounts.

Open the **Email** app. Tap the **Accounts List** icon (at the top of the screen) to display a drop-down list of all of your email accounts.

- Each account in the Accounts list displays the number of unread mail.
- Tap an account to view its Inbox.
- Every account is categorized by a vertical color bar assigned to each account. Each color bar is located on the left side of the account name at accounts list.

NOTE Every emails are classified by a vertical color bar. The color bar has a same color for the same account and is located on the left side of the each email message in the emails list.

Using the Email app

- Tap the **Compose** icon (at the upper-right corner of the screen) to compose a new message.
- Tap the **Accounts List** icon (at the top of the screen) to switch between your email accounts.
- Tap the checkbox next to a message, then you can tap **Mark as read/unread, Move to,** or **Delete** (at the bottom of the screen).
- Tap the **Select all** icon (at the upper-left corner of the screen) to select all of your messages. Then you can tap **Mark as read/unread, Move to**, or **Delete** (at the bottom of the screen).
- Tap the **Favorite** icon next to an email message to designate it as an important or favorite message.
- Touch and hold an email entry to open a Context menu to access **Reply**, **Reply all**, **Forward**, **Delete**, **Move to**, **Mark as read/unread** (read messages have a gray background).
- Tap the **Menu** icon (at the upper-right corner of the screen) to open the Options menu to access **QSlide**, **Refresh**, **Folders**, **Sort by**, **Downloads**, and **Settings**.

Gmail

When you open the Gmail app, the most recent conversations are displayed at the top of your Inbox list. All of your conversations are displayed in your Inbox unless you delete, archive, or filter them.

To open the Gmail app

From the Home screen, tap the **Apps** icon (in the QuickTap bar) > the **Apps** tab (if necessary) > **Google** folder > **Gmail** or tap **Google** folder > **Gmail** on the Home screen.

Your Gmail Inbox

The current Google Account is displayed in the header at the top of the Inbox. If you have more than one account, you can switch accounts to view the messages in each Inbox.

Conversations with new messages are displayed with bold subject lines. To read a message in a conversation, tap its subject line text.

A gray background indicates a read message.

The letter icon (or contact photo) next to a Gmail message allows you to select it and choose an action from the icons at the top of the screen.

The Favorite icon ☆ next to a Gmail message allows you to designate it as a favorite message.

Gmail Inbox icons

Use the following icons (in the header at the top of the screen) while viewing your Gmail Inbox:

- **Accounts and labels**: Tap to change to another account or label, access settings and help, or send feedback to Google.
- **Compose**: Tap to begin a new Gmail message.
- **Search**: Tap to search within your Gmail messages.

NOTE You can drag the screen downward to refresh and check for new email.

Hangouts

Use the Hangouts app to have real-time text conversations with your friends.

To Open the Hangouts app

- From the Home screen, tap **Google** folder > **Hangouts**.

To sign out of Hangouts

- From your chatting list, tap the **Menu** icon (at the upper-right corner of the screen) > **Settings** > tap your account > **Sign out**.

Chatting with Friends

1. From the Home screen, tap **Google** folder > **Hangouts**.
2. Tap the **New** icon to view the contacts from all of the Google Accounts you've added (at the top of the screen).
   - Tap the name of the person in your contacts list. If your friend is not yet on Hangouts, your friend will receive an SMS inviting them to Hangouts.

     OR

   - Tap the text field to enter a name, email, number, or circle.
3. Enter your message.

NOTE Before you enter the text for your message, you can tap the Attach icon (to the right of the message) to attach a photo, video, or location.

4. Tap the **Send** icon (on the right side of the message).

NOTE You can tap the call icon (at the top of the screen) to call the friend, or tap the video icon to start a video chat with your friend.

Camera and Video

You can use the Camera app to take and share pictures and videos. Your phone comes with a 13 megapixel camera that lets you capture sharp pictures and videos. It has many state-of-the-art features such as laser auto-focus, dual camera mode, still photo capture while recording video, and much more. These features will allow you to easily and creatively capture your world.

NOTE Be sure to clean the protective lens cover with a microfiber cloth before taking pictures. A lens cover with smudges from fingers can cause blurry pictures with a "halo" effect. Class 10 microSD cards should be used for storing recorded HD/UHD videos in the memory card.

To open the Camera app

- From the Home screen, tap the **Apps** icon (in the QuickTap bar) > the **Apps** tab (if necessary) > **Camera**.

  OR

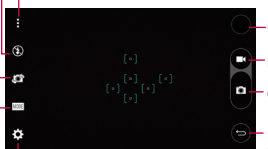
- Tap **Camera** from the Home screen.

  OR

- With the backlight off, touch and hold the **Volume Down Button** (on the back of the phone).

TIP If you've set your phone to use the Swipe unlock method, from the Lock screen, simply press the **Power/Lock Button** (on the back of the phone), then drag the **Camera** icon upward to open the **Camera** app.

Getting to know the viewfinder



Lens Swap – Tap to swap between the rear camera lens and the front camera lens.

Flash – Tap to turn the flash **On**, **Off**, or set it to **Auto**.

Options – Tap to display and hide the camera options on the screen.

Gallery – Tap to access your Gallery.

Record Button – Tap to start recording a video.

Capture Button – Tap to take a photo.

Back – Tap to close the current menu or exit the Camera app.

Settings – Tap to adjust the camera and video settings.

Mode – Tap to set how the shot will be taken: **Auto**, **Magic focus**, **Panorama**, or **Dual**.

Taking Pictures

Taking pictures with your phone's built-in camera is as simple as choosing a subject, pointing the lens, and tapping a button icon. When you take a picture, the Multi-point Auto-focus (AF) function operates automatically to allow you to see a clear image.

To take a picture:

1. From the Home screen, tap **Camera**.
2. Frame your subject on the screen.
   - A square around the subject indicates that the camera has focused.
   - Place two fingers on the screen and spread them apart to zoom in (a zoom bar indicates the zoom level) and pinch in to zoom back out.
3. Tap the **Capture** button. You can also just tap on the focus squares on the screen or tap the subject to take the picture. Your picture will be automatically saved to the Gallery.

NOTE The captured image retains the orientation in which it was taken. If you hold the phone both vertically and horizontally to take pictures, you'll need to rotate the phone to view full screen images in the Gallery app.

TIP While viewing a photo, you can tap the **Menu** icon (at the upper-right corner of the screen), then tap **Rotate right/left** to manually change its orientation.

Record Videos

In addition to taking pictures, you can record, view, and send videos with your phone's built-in video camera.

1. From the Home screen, tap **Camera** .
2. Frame your subject on the screen.
3. Tap the **Options** icon , then tap the **Record** button to start recording the video.
   - The length of the recording is displayed at the upper-left corner of the screen.
   - You can tap the **Capture** button to take pictures while you're recording video.
   - You can use the pinch gesture to use the dynamic zoom feature while you're recording video. Spread your fingers on the screen to zoom in and pinch to zoom back out.
   - You can tap the **Pause** button to pause your video recording. Then, resume your recording by tapping the **Record** button .
4. Tap the **Stop** button to stop recording. Your video will be automatically saved to the Gallery.

Camera and Video Settings

Open the **Camera** app, tap , then tap each of the following icons to adjust the settings to your preferences.

NOTE Some settings will display an information pop-up the first time you select icon.

- **Flash** : Tap to turn the flash **On** , **Off** , or set it to **Auto** .
- **Lens swap** : Tap to swap between the rear camera lens and the front camera lens.
- **Mode** : Tap to set the capture mode. Choose from **Auto**, **Magic focus**, **Panorama**, and **Dual**.

  Auto: Captures an auto photo shot.

  Magic focus: Allows you to change the focus after taking a photo.

After taking the photo, tap the **Thumbnail** , tap an object or adjust handler to change focus, then tap the **Save** .

Panorama: Creates a wide photo of a panoramic view. Hold the phone, tap the **Capture** button to start and slowly sweep the camera across the scene.

Dual: Captures a photo or records a video using both the front and rear camera lens at the same time. Touch and hold the small image window to resize or move it.

- **Settings** : Tap to adjust the following camera and video settings.

Dynamic tone (HDR): Combines photos taken at multiple exposures into one optimal photo to get a better photo in tricky lighting situations.

Image/Video size: Sets the file size of your pictures and videos. Choose from **13M 4160x3120**, **W10M 4160x2340**, **9M 3120x3120**, and **3M 2048x1536** for pictures. Choose from **UHD 3840x2160**, **FHD 1920x1080**, **HD 1280x720**, and **120HD Slow Motion** for videos.

Voice shutter: Allows you to take pictures with voice commands. When On, you just say "**Cheese**", "**Smile**", "**Whiskey**", "**Kimchi**", or "**LG**" to take a picture. Choose from **On** or **Off** .

Timer: Sets your camera's timer. This is ideal if you want to be a part of the picture or video. Choose from **Off** , **3 seconds** , or **10 seconds** .

Grid: Sets an overlay grid on the viewfinder to help you take better pictures and videos by allowing you to align your subject with the horizontal or vertical lines. Choose from **On** or **Off** .

Storage: Sets the storage location for your pictures and videos. Choose **IN** (internal memory) or **SD** (memory card).

NOTE This option will be shown when you insert a microSD card into the phone.

Help: Displays a quick guide so you can learn how each camera function works.

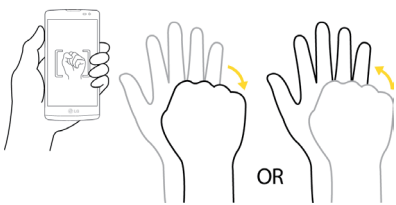
Gesture shot

The Gesture shot feature allows you to take a picture with a hand gesture using the front camera.

To take a photo with a gesture

1. Activate the front camera lens.
2. Raise your hand, with an open palm, until the front camera detects it (a box appears on the screen).
3. Make a fist to start a countdown before the shot is taken (allowing you time to position yourself).

NOTE You can also take a photo by making a fist, then opening your palm.



8X Zooming

You can change the zoom level for your photos using the pinch-to-zoom feature. Spread your fingers on the screen to zoom in and pinch in to zoom back out.

This feature gives you the ability to zoom up to 8 times the normal view.

NOTE Use a steady hand. This feature does not work with some functions. Objects can be overlapped when taking a picture of fast-moving subjects.

View Your Pictures

The Gallery is where you can access your stored camera images. You can view them in a slideshow, share them with your friends, as well as delete and edit them.

1. From the Home screen, tap the **Apps** icon (in the QuickTap bar) > the **Apps** tab (if necessary) > **Gallery**.

2. Select an album and tap an image to view your picture.

Gallery Options

The Gallery app presents all of the pictures and videos stored in your phone, including those you've taken with the Camera app and those you downloaded from the web or other locations.

1. From the Home screen, tap the **Apps** icon (in the QuickTap bar) > the **Apps** tab (if necessary) > **Gallery** to view the images stored your phone's internal memory and on a MicroSD card (external storage).
   - Drag up or down to view more albums.
2. Tap an album to open it and view its contents. (The pictures and videos in the album are displayed in chronological order.)
3. The following options are available.
   - **Camera**: Opens the Camera.
   - **Share**: Allows you to select one (or more) photos to share. Tap **Share** (at the bottom of the screen) to open the available sharing options (such as Messaging or Bluetooth).
   - **Delete**: Allows you to select one (or more) photos to delete. Tap **Delete** (at the bottom of the screen) to delete the selected picture(s).
   - **Menu**: Opens the albums Options menu which includes **Move, Copy, Make collage, Lock, Slideshow, Rotate left**, and **Rotate right**.

     Tap a picture in an album then tap the **Menu** icon (at the upper-right corner of the screen) to open its Options menu which includes the following options: **SmartShare**, **Set image as**, **Move**, **Copy**, **Copy to Clip Tray**, **Lock**, **Slideshow**, **Rotate left**, **Rotate right**, **Crop**, **Add location**, **Rename**, **Print**, and **Details**.

     Tap a picture in an album, then tap the **Favorite** icon (at the top left of the picture) to mark it as a favorite.

     Tap the **Back Key** (in the Touch Keys bar) to return to the previous screen.

Assign Pictures

After taking a picture, assign it as a picture ID for a Contacts entry or as the background image (wallpaper) for your Home screen or Lock screen.

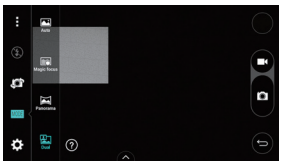
1. From the Home screen, tap the **Apps** icon (in the QuickTap bar) > the **Apps** tab (if necessary) > **Gallery**.
2. Tap an album and tap an image to view it.
3. With the picture displayed, tap the **Menu** icon (at the upper-right corner of the screen) > **Set image as**.
4. Select an option.
   - **Contact photo** to assign the picture to a Contact entry as a picture ID. Tap an entry from Contacts, crop the image, then tap **OK** (at the upper-left corner of the screen) to assign the picture.
   - **Home screen wallpaper** to assign the picture as a background image, crop the image and tap **OK** to assign the picture.
   - **Lock screen wallpaper** to assign the picture as a background image for your Lock screen.
   - **Wallpaper** to assign the picture as a background image, crop the image and tap **SET WALLPAPER** to assign the picture.

Dual Mode Feature

The Dual Mode feature allows you to take a picture or record video with the front and rear camera lens at the same time. A smaller image window overlays the main image (similar to picture-in-picture). You can resize and move the overlay image window, as well as swap the lens for either view.

1. From the Home screen, tap **Camera**.
2. Tap the **Mode** icon > the **Dual** icon.
   - Drag the overlay window to move it where you want it on the screen.
   - Touch and hold the overlay window to resize it.
   - Tap the overlay window to switch its lens.
   - Tap the **Capture** button to take a dual photo.

- Tap the **Record** button to record video, then tap the **Stop** button to stop dual recording.



Video Options

The Gallery is where you can access your stored video images. You can view them, share them with your friends, as well as delete and edit them.

1. From the Home screen, tap the **Apps** icon (in the QuickTap bar) > the **Apps** tab (if necessary) > **Gallery** to view the videos stored in your phone's internal memory, microSD card (external memory).
   - Scroll up or down to view more albums.
2. Tap an album to open it and view its contents. (The pictures and videos in the album are displayed in chronological order.)
3. Tap a video to view it. You can access the following optins:
   - **QSlide**: Enables an overlay on your phone's display for easy multitasking.
   - **SmartShare**: Shares media files with DLNA certified devices.
   - **Menu**: Tap to access **Screen ratio, Subtitles, Share, Trim, Settings,** and **Details**.
   - **Screen shot**: Captures a screen shot while playing a video.

NOTE Tap > **Settings** > **Screenshot** > **On**.

   - **Volume**: Tap to display the Volume slider bar, then adjust the playback volume on the slider bar.
   - **Lock/Unlock**: Locks the touch keys to prevent unintentional touches.

NOTE While playing a video, slide the left side of the screen up or down to adjust the screen brightness. You can also slide the right side of the screen up or down to adjust the volume. Press the Volume Buttons(on the back of the phone) to adjust the volume. While playing a video, tap the timeline point to preview that portion of the video via a small screen. Tap the small screen to jump to that part of the video. While playing a video, slide your finger from left to right (or vice versa) to fast-forward and rewind. The recording retains the orientation in which it was taken. If you hold the phone both vertically and horizontally to take pictures and record video, you'll need to rotate the phone to view full screen images in the Gallery app.

To share a video

1. Open an album to view its contents, then tap the **Share** icon (at the top of the Gallery screen).
2. Checkmark the video(s) you want to share, tap **Share** (at the bottom of the screen), select how to share the file(s), then complete as necessary.

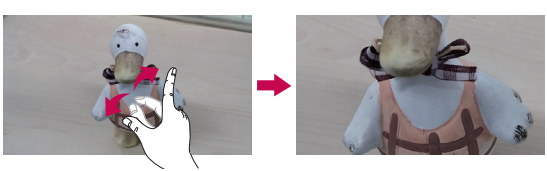
To delete a video

1. Open an album to view its contents, then tap the **Delete** icon (at the top of the Gallery screen).
2. Checkmark the video(s) you want to delete, tap **Delete** (at the bottom of the screen), then tap **Yes** to confirm.

Live Zoom

Live Zoom allows you to zoom in or zoom out on a portion of a video while it's being played to make the desired section appear larger or smaller.

While viewing a video, use your index finger and thumb in a pinching or spreading motion on the touchscreen to zoom in or out.



NOTE You don't need to press too hard; the touchscreen is sensitive enough to pick up a light, but firm touch.

Dual Play

Dual Play connects two devices using a wired (Slimport-HDMI) cable or a wireless connection (Miracast) allowing you to view content on a different screen. The connectable device can be a TV or a monitor supported by an HDMI cable or Miracast. Viewable content can come from the Gallery app however not all videos are supported by Dual Play.

To start Dual Play, tap the **Home Key** ◯ (in the Touch Key bar) once when the two devices are connected and their displays are a different status (i.e. the monitor is playing a video and your phone's video app is displaying an empty screen).

NOTE Dual Play operates at 1280X720 or higher display resolution.

Gallery

Open the Gallery app to view albums of your pictures and videos.

To open the Gallery app

- From the Home screen, tap the **Apps** icon (in the QuickTap bar) > the **Apps** tab (if necessary) > **Gallery**.

Viewing your albums

The Gallery app presents all of the pictures and videos stored in your phone, including those you've taken with the Camera app and those you downloaded from the web or other locations. When another app saves a picture, it automatically creates a download folder to contain the picture (e.g., capturing a screen shot creates the Screenshot folder).

- Tap an album to open it and view its contents.
- Tap a picture or video in an album to view it.
- Tap the **Menu** icon (at the upper-right corner of the screen) to open the Options menu to access **New album**, **Delete**, **Hide/Show album**, **Settings**, and **Help**.
- Tap the **Camera** icon to return to the Camera app.
- Tap **Albums** (in the upper-left corner of the screen) to open the Gallery

menu to access **Albums, Favorites, Videos, All files**, **Nearby devices**, and **Cloud**.

To share an album

You can share the entire contents of one or more albums or individual images or videos from an album.

1. From the Home screen, tap the **Apps** icon (in the QuickTap bar) > the **Apps** tab (if necessary) > **Gallery**.
2. Touch and hold the desired album, tap **Share**, select the app to use to share your images, then complete the sending method as necessary.

Play Store

Play Store allows you to browse and search for free and paid apps.

To open the Play Store app

- From the Home screen, tap the **Apps** icon (in the QuickTap bar) > the **Apps** tab (if necessary) > **Play Store** or tap Play Store on the Home screen.

To get help with Play Store

Play Store Help web pages are available from all of the Play Store screens.

- Tap (at the upper-left corner of the screen), then tap **Help & Feedback**.

  The Chrome app opens to the Play Store Help page, with links to many help topics.

To open a screen with details about an app

- At any time while browsing in Play Store, tap an app to open its details screen.

  The App details screens include a description, ratings, reviews, comments, and related information about the app. From this screen, you can download, install, uninstall, rate the app, and more.

Music

Transferring Music Files to Your Phone

The Music app plays audio files that are stored in your phone's memory. Copy audio files from your computer onto your phone before you open the Music app.

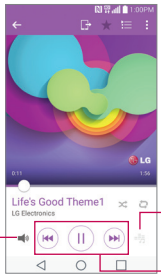
NOTE The LG USB driver needs to be installed on your PC before connecting your phone to transfer music.

To copy music files into your phone

1. Connect the phone to your computer with a USB Cable. If the default connection mode is not set to Media device (MTP), open the **Notifications panel** and tap the USB connection type, then tap **Media device (MTP)**. Your computer will prompt you with different actions to take. Choose to open the folder to view files.
2. Use the computer to copy music and other audio files into the folder that you created on the phone.
3. To disconnect your phone, open the Notifications panel and tap the USB connection type, then tap **Charge phone**. Then disconnect the USB Cable from the phone.

To play music

1. From the Home screen, tap the **Apps** icon (in the QuickTap bar) > the **Apps** tab (if necessary) > **Music**.
2. Select a music category tab at the top of the Music Library screen.
3. Tap the song you want to play.



NOTE While viewing a list of tracks in an album, tap the **Menu** icon ⋮ (at the upper-right corner of the screen), then tap **Shuffle all** to play all of the songs in the album in a shuffled order.

To return to the Playback screen

- From a Music playlist screen, tap the currently playing song at the bottom of the screen.
- From any other app, open the Notifications panel and tap the ongoing music notification.

To control playback

The Playback screen contains several icons that you can tap to control the playback of songs, albums, and playlists:

⏸	Tap to pause playback.
▶	Tap to resume playback.
⏭	Tap to skip to the next track in the album, playlist, or shuffle. Touch and hold to fast forward.
⏮	Tap to restart the current track or skip to the previous track in the album, playlist, or shuffle. Touch and hold to rewind.
🔊	Tap to display the Volume slider bar, then adjust the playback volume on the bar.
	Tap to set audio effects.

	Tap to open the Options menu. Choose from **Search**, **Add to playlist**, **Delete**, **Share**, **Set as ringtone**, **Music video**, **Details**, **Settings**, and **Help**.
	Tap to open the current playlist.
	Tap to add the song to your favorites.
	Tap to play the current playlist in shuffle mode (tracks are played in random order).
	Tap to toggle through the repeat modes. Choose from **Repeating all songs**, **Repeating current song**, and **Repeat off**.
	Tap to share your music via the SmartShare function.

YouTube™

Opening YouTube and Watching Videos

You can browse, search for, view, upload, and rank YouTube videos on your phone with the YouTube app.

To open the YouTube app

From the Home screen, tap the **Apps** icon (in the QuickTap bar) > the **Apps** tab (if necessary) > **YouTube**.

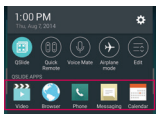
- Search for and tap a video to watch it.
- Tap the **Menu** icon (at the upper-right corner of the screen) for the YouTube Options menu (**Settings**, **Help & feedback**, and **Sign in/out**).
- Tap the YouTube icon (at the upper-left corner of the screen) to access other YouTube options.

QSlide

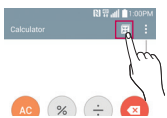
The QSlide function enables an overlay window on your phone's display for easy multitasking. QSlide displays a small app window on the screen that can be moved, resized, or made transparent. QSlide windows can be opened from the QSlide apps bar on the Notifications panel, or directly from the apps that support the QSlide function.

QSlide icons on the Notifications panel

QSlide app icons are displayed in a bar on the Notifications panel below the Quick settings bar. These icons provide a quick, convenient way to multi-task on the same screen (similar to picture-in-picture on a TV).



OR



	Tap to exit the QSlide function and view the app in full screen.
	Slide to adjust the transparency.
	Tap to exit the QSlide function.

NOTE The QSlide function can support up to two windows at the same time.

To open a QSlide window

Open the Notifications panel, tap , then tap the desired app in the QSlide apps bar.

OR

While using an app that supports QSlide, tap the **QSlide** icon .

Using QSlide

The QSlide function opens the associated app in a window in the foreground, allowing you to access other apps in the background. It's displayed continuously on the screen until you close it.

- Drag the QSlide title bar to move it on the screen.
- Drag the bottom right corner of the QSlide window to resize it.
- Move the circle on the slider bar to the left to make it transparent. This will allow you to interact with items underneath the transparent QSlide window. Move the slider back to the right to use the QSlide window again.
- Tap the **QSlide** icon (at the upper-left corner of the title bar) to open the app in full screen view. To go back to QSlide view, tap the **QSlide** icon (at the top of the screen).
- Tap the Close icon (at the upper-right corner of the title bar) to close the QSlide window.

Customizing the QSlide apps bar icons

You can set the order of the icons displayed in the QSlide apps bar, as well as which icons are displayed.

1. Open the Notifications panel and swipe to the left on the QSlide apps bar (if necessary), then tap the **Edit** icon .
   - Drag one of the icon handles at the right side of the screen to move its icon to another position in the QSlide apps bar.
   - Checkmark the icons you want to display and remove the checkmark for the ones you want to remove.
2. Tap the **Back Key** (in the Touch Keys bar) to return to the Notifications panel.

Dual window

The Dual window feature splits the screen to enable multi-tasking, drag and drop interaction, auto-linking and recently used apps.

To activate the Dual window function

1. From the Home screen, touch and hold the **Recent Apps Key** (in the Touch Keys bar) > **System settings** > **General** tab > **Dual window**.
2. Tap the **Dual window** switch (at the top of the screen) to toggle it On or Off.
   - Checkmark the **Split view** checkbox to automatically open the Dual window function when you tap a link on the full screen or tap an email attachment.

Using the Dual window function

1. Touch and hold the **Back Key** (in the Touch Keys bar) to split the screen.
2. Tap the app icon you want to use. The first app you tap opens in a window at the top of the screen. The second app opens in the bottom window.
3. Tap a window to select and use it.
   - A blue box appears around the selected window with a blue semi-circle handle between the windows.
   - Drag the blue handle to change the window sizes (one larger and one smaller).
4. Tap the blue handle to access the Dual window options.
   - Tap the **Swap** icon to switch (flip) the app positions.
   - Tap the **View app list** icon to redisplay the apps list so you can change the app for the selected window.
   - Tap the **Open full screen** icon to open the selected app in full screen. Drag the blue handle (up or down depending on the selected window) to return to Dual window.

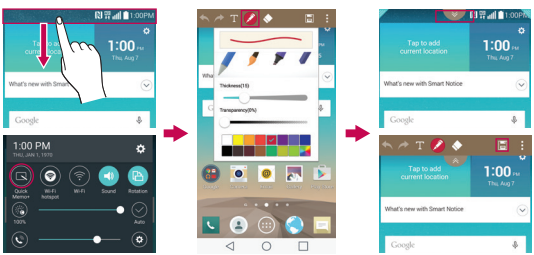
- Tap the **Close** icon ✕ to close the selected window.

QuickMemo+

The QuickMemo+ feature allows you to create memos and capture screen shots. You can use QuickMemo+ to easily and efficiently create memos during a call, with a saved picture, or on the current phone screen.

To create a memo

- Drag the Status Bar downward, then tap the **QuickMemo+** icon in the Quick Settings bar.



1. Drag the Status Bar downward then tap the **QuickMemo+** icon.
2. Use the memo options at the top of the screen (e.g., pen type and color) to create your memo.
3. When your memo is complete, tap the **Save** icon (in the toolbar at the top of the screen) to save it to your Gallery or QuickMemo+.

NOTE Please use a fingertip (not your fingernail or any other rigid object) while using the QuickMemo+ feature to avoid scratching your phone's touchscreen.

Capturing a screen shot for your QuickMemo+

1. Access the screen you want to capture (for example, access the Maps app to capture a street location to help with directions).
2. Drag the Status Bar down, then tap the **QuickMemo+** icon on the Quick Settings Bar.

3. Use the toolbar options (at the top of the screen) to create your memo on the captured screen.
4. Tap the **Save** icon (in the upper-right corner of the screen), then select to save it in the **Gallery** app or **QuickMemo+** app.

Using QuickMemo+ toolbar options

The QuickMemo+ toolbar options (at the top of the screen) allow you to easily create memos. Tap the memo options bar tab to access the QuickMemo+ toolbar icons, and tap it again to hide them.

- **Undo**: Tap to undo the most recent action.
- **Redo**: Tap to redo the most recently deleted action.
- **Text**: Tap to type text in your memo.
- **Pen**: Tap to select the pen type and color. Tap the memo background to close the pen selection.
- **Erase**: Tap to use the eraser to erase pen marks from the memo.
- **Save**: Tap to save the memo you've created to your Gallery or QuickMemo+ app.
- **Menu**: Tap to share the memo with others via any of the available apps or change the background paper style.

QuickMemo+ Menu Options

- From the QuickMemo+ screen, tap the **Menu** icon (at the upper-right corner of the screen) to access **Share** and **Paper style**.
- Tap **Share**, then compete the sharing method as necessary to share your memo .
- Tap **Paper style** to set the paper background for your memo, then tap **OK**.

To Exit the QuickMemo+ feature

Tap the **Back Key** (in the Touch Keys bar) to exit the QuickMemo+ feature.

Viewing saved memos

Memos are saved in the **Gallery** app or **QuickMemo+** app.

- From the Home screen, tap the **Apps** icon (in the QuickTap bar) > the **Apps** tab (if necessary) > **Gallery**, then tap the **QuickMemo+** album.
- From the Home screen, tap the **Apps** icon (in the QuickTap bar) > the **Apps** tab (if necessary) > the **QuickMemo+** icon, then tap the your memo.

Capturing a screen shot without using QuickMemo+

To capture a screen shot without the QuickMemo+ feature, press both the **Power/Lock Button** (on the back of the phone) and the **Volume Down Button** (on the back of the phone) at the same time. The captured image is automatically saved in the **Gallery** app in the **Screenshots** folder.

QuickRemote

QuickRemote turns your phone into a Universal Remote for your home TV, set top box, and audio system.

NOTE QuickRemote may not be available for some devices.

To open the QuickRemote app and set up your QuickRemote

1. From the Home screen, tap the **Apps** icon (in the QuickTap bar) > the **Apps** tab (if necessary) > **QuickRemote**.
2. Tap the room displayed at the upper-left corner of the screen to select its location. Choose from **Living room, Bedroom, Kitchen, Den**, and **Office**.
3. Tap the **Add** icon (at the top right of the screen).
4. Tap the device you want to set for the remote, then tap the name of the device's manufacturer.
   - Use the letters along the right side of the screen to jump directly to that letter in the list.
5. Continue your remote set up by following the on-screen instructions to configure the device.

NOTE It's important to point the IR (infrared) sensor on your phone directly at the device you are configuring.

Set up from the Notifications panel

You can also perform the initial set up of your QuickRemote from the Notifications panel. Swipe the Status Bar downward, tap the **QuickRemote** icon (in the Quick Settings bar, if necessary), tap **ADD REMOTE** in the dialog box, then continue set up as necessary.

After initial setup, to set up additional devices from the Notifications panel, tap the **Full-screen** icon (at the lower-right corner of the remote display), then tap the **Add** icon (at the top right of the QuickRemote screen).

Using QuickRemote

1. Swipe the Status Bar downward, then tap the **QuickRemote** icon (in the Quick Settings bar, if necessary) to open a QuickRemote bar with all of the remotes you set up.
2. Select the remote you want by tapping the remote name at the top of the QuickRemote bar.
3. Tap the buttons on the displayed remote.

NOTES
- Tap the **Full-screen** icon (at the lower-right corner of the remote display) to view the QuickRemote in full screen.
- When adding a remote control for a TV, QuickRemote could use the INPUT button to configure the appropriate remote control. When configuring the INPUT button, the input source for the TV could be changed. To reset the input source of your TV, tap the INPUT button on the QuickRemote several times (depending on the number of devices connected to the TV).

QuickRemote options

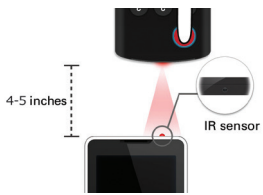
You can edit your QuickRemote bar by tapping the **Edit** icon (at the top right of the QuickRemote bar. Drag a remote handle to move it to another position on the bar.

To access the QuickRemote Options menu, tap the **Menu** icon (at the upper-right corner of the screen) to select **Magic Remote setting** (only for LG TVs), **Edit remote name**, **Learn remote**, **Move remote**, **Delete remote**, **Settings**, and **Help**. Tap the **Back Key** (in the Touch Keys bar) to exit the Options menu.

Customizable remote

You can create your own personalized universal remote and choose where to place all of the buttons.

1. From the Home screen tap the **Apps** icon (in the QuickTap bar) > the **Apps** tab (if necessary) > **QuickRemote**.
2. Tap the **Add** icon (at the top right of the screen) > **Universal remote**.
3. Enter the Remote name, then tap **OK**.
4. Swipe to the left and right and place the buttons you want on the remote in the desired locations, then tap **Next** (at the bottom of the screen).



5. Program your customized remote using your original remote.
   - Face the IR sensors toward each other, about 4 inches apart.
   - Tap the button (on your customized remote) to learned.
   - Press and hold the corresponding button (on your original remote) for two seconds.

Using the Magic Remote feature

Magic Remote controls the TV using a Touchpad and Smart Text (keyboard). Magic Remote is compatible only with LG Smart TVs released in 2012 and after.

1. Select the remote you want, then tap the **Menu** icon (at the upper-right corner of the screen) > **Magic Remote setting**.
2. Tap the **Supported models** button and check whether your TV supports this feature.

3. Connect your phone and LG Smart TV to the same Wi-Fi network.
4. Select the device and enter the certificate number in your phone.
   - **Touchpad:** Moves the TV pointer with the touchpad.
   - **Smart Text:** Provides a keypad when typing text.

Calendar

Viewing Your Calendar

The Calendar app allows you to track your schedule of events (that you created or that you've been invited to), organized by day, week, month, year, or agenda.

When you first set up your phone, you configured it to use an existing Google Account or you created a new account. The first time you open the Calendar app on your phone, it displays any existing calendar events from your Google Account on the web.

To open the Calendar app

- From the Home screen, tap the **Apps** icon (in the QuickTap bar) > the **Apps** tab (if necessary) > **Calendar**.

  Events from each account you've added to your phone and configured to synchronize calendars is displayed in your Calendar.

  Events from each calendar account are displayed in a different color.

To change your calendar view

No matter where you are in the Calendar app, you can easily switch calendar views. Simply tap the upper left corner of the Calendar title bar to display a drop-down menu of calendar views. Tap **Day, Week, Month**, **Year**, or **Agenda**.

Calendar title bar icons

- Tap the **QSlide** icon to open the Month calendar view in a QSlide window.

- Tap the **Current date** icon to immediately jump back to the current date in the calendar you're viewing.
- Tap the **Add** icon to add a new event to any of your accounts.

Calculator

The Calculator app allows you to perform mathematical calculations using a standard calculator or a scientific calculator.

To open and use the Calculator

- From the Home screen, tap the **Apps** icon (in the QuickTap bar) > the **Apps** tab (if necessary) > **Calculator**.
- Tap the calculator keys to enter numbers and arithmetic operators on the calculator's display, just like you would use a normal calculator.
- Tap the **Delete Key** to delete the last number or operator you entered.
- Tap the **Clear Key** to clear the calculator's display.
- Tap anywhere within the calculator's display to place the cursor within the calculation.
- Touch and hold the calculator's display to open a Context menu where you can copy what you've entered to use it in other apps. The context menu can include: **Select all**, **Copy**, **Cut**, **Paste**, **Clip Tray**, and **Text Link**.
- To open the Scientific calculator, tap the **Menu** icon (at the upper-right corner of the screen), then tap **Scientific calculator**. To return to the Basic calculator, tap the **Menu** icon (at the upper-right corner of the screen), then tap **Basic calculator**.
- Tap the **Menu** icon (at the upper-right corner of the screen) > **Calculation history** to view your previous calculations. You can tap an entry to calculate it again or edit it.
- Tap the **QSlide** icon (at the top right of the screen) to use the Calculator in a QSlide window.

Clock

You use the Clock app to access the Alarms, Timer, World clock, and Stopwatch functions. Access these functions by tapping the tabs across the top of the screen, or swiping horizontally across the screen.

To open the Clock app

- From the Home screen, tap the **Apps** icon (in the QuickTap bar) > the **Apps** tab (if necessary) > **Clock**.

Setting and Activating Alarms

The Alarms tab allows you to set varying alarm clocks. You can set an alarm by modifying an existing alarm or by adding a new one. After you've created one or more alarms, you can easily activate or deactivate an alarm by tapping its Alarm icon to toggle it on (blue) or off (gray).

1. From the Home screen, tap the **Apps** icon (in the QuickTap bar) > the **Apps** tab (if necessary) > **Clock**.
2. Tap the **Alarms** tab (at the top of the screen), if necessary.
3. Tap the **New alarm** icon (at the top of the screen) to add a new alarm, tap an alarm time to modify that alarm, or tap a current alarm icon (on the right side of the screen) to activate an existing alarm (blue indicates it's set).

To set an alarm

1. Open the **Clock** app, then access the **Alarms** tab.

NOTE The first time you access your alarms (or when there are no alarms created), an alarm image is displayed in the middle of the screen. Tap it to set up your first alarm.

2. Tap the **New alarm icon** (at the top right of the screen) to create an alarm, or tap an existing alarm to modify and set it.
3. Scroll the time wheel to set the alarm time (Hour and Minute) and the time of day (AM or PM).
4. Tap the day(s) when you want the alarm to sound in the **Repeat** field. If you don't tap the Repeat setting, the alarm sounds only the one day you set it.

5. Tap **Snooze duration** to set the amount of time to wait before sounding the alarm again if it's not dismissed. You can set the alarm to ring repeatedly from 5 minutes up to 1 hour.
6. Tap **Alarm with vibration** to checkmark the setting and have the phone vibrate, in addition to playing the alarm sound.
7. Tap **Alarm sound** to set the sound notification. Tap **Alarm tone** or **Music**, select the sound for the alarm, then tap **OK**. The ringtone plays briefly when you select it.
8. Slide the button on the **Alarm volume** slider to the right to increase the alarm volume and to the left to decrease it. The alarm sound plays to help you determine the volume you want.
9. Tap **Auto app starter** to set the app you want to automatically open when you stop the alarm, then tap **OK**.
10. Tap **Puzzle lock** to checkmark the setting, which requires you to wake up enough to solve a simple puzzle to dismiss the alarm.
11. Tap **Memo** to enter information about the alarm. For example, to identify when to use it (e.g., class day).
12. When you're finished, tap **Save** (at the bottom of the screen) to save and activate the alarm.

Alarm Settings

To access the Alarm settings, from the Alarms tab, tap the **Menu** icon (at the upper-right corner of the screen), then tap **Settings**. The Alarm settings include **Volume button behavior** and **Puzzle lock**.

When the alarm sounds

- Tap **Dismiss** to stop the alarm.
- Tap **Snooze** to stop the alarm for the snooze duration you set. If set, use the gesture feature of simply turning the phone over to stop or snooze the alarm.

Setting the Timer

The Timer tab can be used to alert you with an audible signal when a set amount of time has passed.

1. Open the **Clock** app, then select the **Timer** tab.
2. Set the time on the digital timer. Tap the **Hour**, **Minute**, and/or **Second** field(s) then enter the numbers as necessary.

   NOTE If you don't need to change the Timer settings, just tap the green **Start** button on the time keypad to start the timer immediately.
3. Tap the **Menu** icon (at the upper-right corner of the screen) > **Settings** to set **Vibration**, **Alert sound**, and **Alert volume** for the timer.
4. Tap the green **Start** button (at the bottom of the screen) to begin the time countdown.
5. Once the alarm sounds, tap the red **Stop** button (at the bottom of the screen) to stop the timer.

Setting the World Clock

The World clock tab allows you to set up a list of cities to easily check current times in other time zones with a quick glance.

1. Open the **Clock** app, then select the **World clock** tab.
2. Tap the **New city** icon (at the upper-right corner of the screen), search through the available cities, then tap the one you want.

NOTE The first time you access the **World clock** tab, a globe image is displayed in the middle of the screen. Tap it to add the first city to your list.

Using the Stopwatch

The Stopwatch tab allows you to use your phone as a Stopwatch.

1. Open the **Clock** app, then select the **Stopwatch** tab.
2. Tap the green **Start** button (at the bottom of the screen) to start timing and tap the red **Stop** button to stop the time.
   You can use the Lap function by tapping the **Lap** button to record multiple milestone times within the same timing session.

3. Tap the **Reset** button to reset the Stopwatch or tap the green **Resume** button to continue monitoring time.

Voice Command

You can use the Voice Command app to perform phone functions using your voice.

To open the Voice Command app

- From the Home screen, tap the **Apps** icon (in the QuickTap bar) > the **App** tab (if necessary) > **Voice Command**.

Voice Search

You can also use the Voice Search app to perform phone functions using your voice.

To open the Voice Command app

- From the Home screen, tap the **Apps** icon (in the QuickTap bar) > the **App** tab (if necessary) > **Google** folder > **Voice Search**.

Voice Recorder

The Voice Recorder app records audible files for you to use in a variety of ways. Use them to simply remind you about something you don't want to forget (like a grocery list) or record sound effects that you can attach to a message.

Record a Voice Memo

1. From the Home screen, tap the **Apps** icon (in the QuickTap bar) > the **Apps** tab (if necessary) > **Voice Recorder**.
2. Tap the **Record** button (at the bottom center of the screen) to start recording.
3. Speak into the microphone.

4. When you're finished, tap the **Stop** button (at the bottom right of the screen).

   The recording is automatically saved to your recordings list.

File Manager

Use the File Manager app to manage your folders and files stored in your phone.

File Manager makes it easy to view and manage your files. Simply tap a file type (All files, Music files, Image files, Video files, Document files, or Cloud storage), then tap on the necessary folders to find your files.

To open the File Manager app

From the Home screen, tap the **Apps** icon (in the QuickTap bar) > the **Apps** tab (if necessary) > **File Manager**.

File Manager Options

Open the **File Manager** app, tap **All files**, then tap the **Internal storage** or **SD card** folder to access to the following File Manager options (at the bottom of the screen):

- : Allows you to create a new folder.
- : Allows you to move files and folders to another folder.
- : Allows you to copy files and folders to another folder.
- : Allows you to delete files and folders.
- : Allows you to access additional options.

Tasks

The Tasks app can be synchronized with your MS Exchange account. You can create a task, revise it, and delete it using your phone, or from MS Outlook or MS Office Outlook Web Access.

To synchronize MS Exchange

1. From the Home screen, touch and hold the **Recent Apps Key** ▢ (in the Touch Keys bar) > **System settings** > **General** tab > **Accounts & sync** > **Add account** (under the Accounts section).
2. Tap **Microsoft Exchange**, then sign-in using your email address and password.
3. Checkmark the **Sync Tasks** checkbox.

To add Tasks

1. From the Home screen, tap the **Apps** icon (in the QuickTap bar) > the **Apps** tab (if necessary) > **Tasks** .
2. Tap the **Add new task** icon (at the top of the screen).
3. Enter the **Subject**, **Start date**, **Due date**, **Description**, **Repeat**, and **Reminder.**
4. Tap **Save**.

Settings

The Settings app contains most of the tools for customizing and configuring your phone. All of the settings in the Settings app are described in this section.

To open the Settings app

- From the Home screen, tap the **Apps** icon (in the QuickTap bar) > the **Apps** tab (if necessary) > **Settings**.

  OR

- From the Home screen, touch and hold the **Recent Apps Key** (in the Touch Keys bar) > **System settings**.

Viewing Settings categories

The settings are grouped into categories.

- **List view** displays each category (4) in capital letters followed by its related settings. Scroll up and down through the screen.
- **Tab view** displays each category (4) in tabs (at the top of the screen) that include its related settings. Swipe to the left or right to switch between tabs or tap a tab to select it.

1. From the Home screen, touch and hold the **Recent Apps Key** (in the Touch Keys bar) > **System settings**.
2. Tap the **Menu** icon (at the upper-right corner of the screen) > **Switch to tab view** (or **Switch to list view**).

NOTE Instructions to perform tasks in this guide are based on the default **Tab view** setting.

Networks

Airplane mode

Tap the **Airplane mode** switch to toggle it On or Off. **On** disables all wireless connections.

Wi-Fi

Tap the **Wi-Fi** switch to toggle it On or Off. **On** connects to a Wi-Fi network (from your list of available, detected networks). Tap **Wi-Fi** to access the following settings to manage your Wi-Fi connection(s):

WI-FI NETWORKS
The list of all of the Wi-Fi networks that are within access range. Tap one to access it.

Tap the **Menu** icon (at the upper-right corner of the Wi-Fi menu screen) to access the following options.

Add Wi-Fi: Tap to enter a **Wi-Fi name (SSID)**, choose the **Security** and enter the **Password** to manually add Wi-Fi networks.

Saved Wi-Fi: Tap to show the Wi-Fi networks you have saved.

Advanced Wi-Fi: Accesses the following advanced Wi-Fi settings.

Wi-Fi notification: Checkmark to notify if Wi-Fi networks are available nearby or when your device is connected to a Wi-Fi network.

Sort list by: Sets how your Wi-Fi networks are listed. Choose **Signal strength** or **Alphabetical order**.

Keep Wi-Fi on when screen is off: Sets the Wi-Fi status when the screen is off. Choose from **Yes, Only when plugged in**, and **No**.

Allow Wi-Fi scanning: Checkmark to let Google's location service and other apps scan for networks, even when Wi-Fi is off.

Switch to mobile data: Checkmark to switch automatically to mobile data when internet unavailable via Wi-Fi.

Wi-Fi Direct: Allows direct connection with Wi-Fi devices without any access point.

Connect by WPS button: Information to connect to a secured Wi-Fi network with a WPS button.

Connect by WPS PIN: Information to connect to a secured Wi-Fi network with a WPS PIN.

Install certificates: Allows you to install certificates from storage.

MAC address: Displays your phone's MAC address (which may need to be entered in the router to connect to some wireless networks with MAC filters).

IP address: Displays your phone's IP address.

Interactive tutorial: Displays information about the Wi-Fi features and settings in an interactive tutorial.

NOTE Tap **Search** (at the bottom of the screen) to search for in-range Wi-Fi networks.

Bluetooth

Tap the **Bluetooth** switch to toggle it On or Off. **On** allows you to pair and connect with other Bluetooth devices. Turn it on and tap **Bluetooth** to use and manage your Bluetooth devices.

G3: Checkmark to allow other Bluetooth devices to see your phone for pairing and connection.

AVAILABLE DEVICES

The list of all of the available in-range Bluetooth devices.

NOTE Tap **Search for devices** (at the bottom of the screen) to search for in-range Bluetooth devices.

Mobile data

Tap the **Mobile data** switch to toggle it On or Off. **Off** disconnects you from the mobile network so you can't use the Internet unless you use a Wi-Fi connection. This allows you to manage your mobile data usage. Tap **Mobile data** to access the following settings to manage your mobile data usage:

Limit mobile data usage Checkmark to limit your mobile data. Your mobile data connection will be disabled when you reach the limit you set. Set your data usage limit by dragging the red line on the graph provided.

Data usage cycle: Displays your current data usage cycle. Tap the date to change the cycle date.

Data usage graph: Displays your data usage on a graph.

Data usage applications: Apps are displayed with their data usage on a bar graph. Tap one to see more detailed information.

Call

Voicemail: Sets up your standard voicemail settings.

Auto retry: Sets the amount of time to wait before automatically redialing a call that failed to connect. Choose from **Off**, **10 sec**, **30 sec**, and **60 sec**.

Incoming voice call pop-up: Checkmark to display an an incoming call pop-up when an app is in use. Use the pop-up to Answer, Decline, or Decline with message.

Decline with message: Sets the **Ignore with message** icon on the Incoming Call screen which allows you to ignore an incoming call and respond to the caller with a specified Quick text message instead. Tap to manage your Quick text messages. Tap the **New** icon to create a new quick message, tap a message to edit it, or tap the **Delete** icon to delete a message.

Privacy keeper: Sets whether the phone displays the caller's information when you receive a call. Choose from **Hide all info.**, **Show number only**, and **Show caller info**.

Auto answer: Allows you to answer calls automatically when using hands-free mode.

TTY mode: Sets the TTY mode to communicate with other TTY devices.

Hearing aids: Tap to place the checkmark to turn on hearing aid compatibility.

Voice enhancement: Checkmark to enhance voice clarity in noisy environments, allowing you to hear more clearly.

Save unknown numbers: Allows you to save unknown numbers to your contacts after a call.

Power key ends call: Checkmark to allow you to end voice calls by pressing the **Power/Lock Button** (on the back of the phone) instead of returning to the Call screen to end the call.

DTMF tones: Sets the length of the DTMF tones. Choose **Normal** or **Long**.

Call restrictions: Allows you to restrict incoming or outgoing calls.

Call duration: Tap to check call duration(s).

Voice privacy: Checkmark to enable enhanced privacy mode.

Share & connect

NFC: Tap the **NFC** switch to toggle it On or Off. On allows you to send or receive files simply by bringing your phone and another data-compatible device together (typically within 20 mm of each other) at the NFC touchpoint. NFC (Near Field Communication) establishes radio communication between smartphones and similar devices. NFC will be turned off automatically when airplane mode activated. Tap **NFC** to access the following settings:

Tap & pay: When NFC is turned on, you can use the Tap & pay feature to pay for items just by touching your phone to a reader at a register.

Tag reading: When reading a tag via NFC, you can hear the alert sound.

Android Beam: Tap the **Android Beam switch** to toggle it On or Off. On allows you to beam app content or files to other mobile devices by holding them close together. Tap **Android Beam** to view information on how to use this feature.

SmartShare Beam: Allows you to receive multimedia content via SmartShare Beam from another LG phone or tablet.

Media server: Tap to share media content with nearby device via DLNA.

Miracast: Tap the **Miracast** switch to toggle it On or Off. **On** allows you to wirelessly mirror your phone screen and sound onto a Miracast dongle or TV. Tap **Miracast** to access your list of available devices. Tap **Search for devices** or **Help** (at the bottom of the screen) to refresh the device list or view help information.

Tethering & networks

Tethering allows you to connect other devices to your phone's internet connection and select your connection method.

USB tethering: Tap the **USB tethering** switch to toggle it On or Off. **On** allows you to share your phone's mobile data connection using a USB connection. This setting is grayed-out if not connected via USB.

Wi-Fi hotspot: Tap the **Wi-Fi hotspot** switch to toggle it On or Off. **On** allows you to use your device as a Wi-Fi hotspot for other devices to use your mobile network connection. Tap **Wi-Fi hotspot** to manage access to your Wi-Fi hotspot. Connected devices are listed at the bottom of the screen.

Help: Displays information regarding USB tethering and Wi-Fi hotspot.

Mobile networks: Sets up options for mobile data, data roaming, network mode, and CDMA roaming mode.

VPN: Sets up and manages Virtual Private Networks (VPNs).

NOTE Tap the **Menu** icon (at the upper-right corner of the screen) to access additional settings. From the VPN setting, it accesses **Always-on VPN**.

Sound

Sound profile: Sets the Silent mode to **Sound**, **Vibrate only**, or **Do not disturb**.

Volume: Sets individual volume levels for phone Ringtone, Notification sound, Touch feedback & system, and Music, video, games, and other media. Move the slider button on each volume bar to set its volume.

Vibrate strength: Allows you to set the vibration strength for calls, notifications, and touch feedback.

Ringtone: Sets the ringtone for calls. You can also add a ringtone by tapping the **New** icon (at the upper-right corner of the screen).

Notification sound: Sets the sound for notifications. You can also add a notification sound by tapping the **New** icon (at the upper-right corner of the screen).

Sound with vibration: Checkmark to set the phone to vibrate in addition to the ringtone when you receive calls.

Vibration type: Sets the incoming call vibration options. Choose from **Long Lasting**, **Rapid**, **Short repeated**, **Standard**, and **Ticktock**. Tap the **New** icon (at the upper-right corner of the screen) to create your own vibration pattern.

Do not disturb: Allows you to set a schedule when to prevent interruptions from notifications. You can set to allow certain features to interrupt when Priority only is set.

Lock screen: Allows you to choose if you want to show or hide notifications on the lock screen.

Apps: Allows you to prevent apps from displaying notifications or set apps to show notifications with priority when Do not disturb is set to Priority only.

Vibrate on tap: Checkmark to vibrate when you touch the screen (e.g., touch keys and make selections).

Sound effects: Tap to set dial pad touch tones, touch sounds, screen lock sound, or emergency tone.

Message/call voice notifications: Tap the **Message/call voice notifications** switch to toggle it On or Off. On allows your phone to automatically read your incoming calls and/or messages out loud. Checkmark **Calls** for caller information, **Messages** for sender information, and **Read messages** for message content. You can also set the readout language.

Display

Home screen

Select Home: Sets the layout of the Home screen. Choose **Home** (standard Android layout) or **EasyHome** (simplified version for users less familiar with Android navigation).

Smart Bulletin: Tap the **Smart Bulletin** switch to toggle it On or Off. On displays an additional Home screen panel with customized information. Choose if you want to display **LG Health** and **Smart Tips**.

Wallpaper: Allows you to set the Home screen wallpaper. Choose from **Wallpaper gallery**, **Gallery**, **Live wallpapers**, **Multi-photo**, and **Photos**.

Screen swipe effect: Allows you to set the effect used when you swipe to change to another Home screen panel. Choose from **Slide**, **Breeze**, **Accordion**, **Panorama**, **Carousel**, **Layer**, and **Domino**.

Allow Home screen looping: Checkmark to allow continuous Home screen scrolling (loop back to the first screen after the last screen).

Home backup & restore: Allows you to back up and restore your Home screen app layouts and wallpapers.

Help: Displays help information regarding the Home screen.

Lock screen

Select screen lock: Sets how to secure your phone from unintentional and/or unauthorized use. Choose from **None**, **Swipe**, **Knock Code, Pattern, PIN**, and **Password**.

Smart Lock: Allows you to configure your phone to stay unlocked when you have a trusted Bluetooth device connected to it, when it's in a familiar location, like your home or work, or when it recognizes your face.

Screen swipe effect: Sets the screen swipe effect options. Choose from **Light particle**, **Vector circle**, **Mosaic**, and **Soda**.

Wallpaper: Sets your Lock screen wallpaper. Select it from **Gallery** or **Wallpaper gallery**.

Shortcuts: Allows you to change the shortcuts at the bottom of the Swipe Lock screen.

Weather animation: Checkmark to show weather animation for your current location or primary city set in Weather based on automatic data updates.

Contact info for lost phone: Tap to show contact info on the Lock screen in the event the phone is lost.

Lock timer: Sets the amount of time before the screen automatically locks after the screen backlight turns off (times-out due to inactivity).

Power button instantly locks: Checkmark to instantly lock the screen when the Power/Lock Button is pressed. This setting overrides the Security lock timer setting.

Home touch buttons

Button combination: Drag the icons to rearrange the home touch buttons.

Color: Sets the color for the home touch buttons.

Hide Home touch buttons: Choose to show or hide the home touch buttons while using apps.

Font type

Sets the type of font used for the phone and menus.

Font size

Sets the size of the font displayed in the phone and menus.

Brightness

Adjust the screen brightness by using the slider. Tap **Auto** to set the brightness to automatically change.

Notification LED

Select which type of notifications to display the LED light.

Auto-rotate screen

Set to switch orientation automatically when you rotate the phone.

Screen timeout

Set the time delay before the screen automatically turns off.

Smart screen

Checkmark to keep the screen from timing-out when the phone detects your eyes looking at the screen.

Screen-off effect

Sets the effect seen when you turn off the screen. Choose from **Retro TV**, **Black hole**, and **Fade out**.

Daydream

Tap the **Daydream** switch to toggle it On or Off. **On** allows the set screensaver to be displayed when the phone is sleeping while docked and/or charging. Choose **Clock** or **Google Photos**.

General

Language & input

Use the Language & input menu to select the language for the text on y our phone and for configuring the on-screen keyboard. You can also manage your language dictionary for personal words that you've added.

Language: Sets the language to use on your device.

Default: Sets the default on-screen keyboard to use when entering text.

LG Keyboard: Checkmark to select the LG Keyboard to enter data.

Google voice typing: Checkmark to select Google voice typing to enter data. Tap the **Settings** icon to change the Google voice settings.

Voice Search: Sets voice search options.

Text-to-speech output: Sets the preferred speech engine and speech rate (very slow to very fast). Also plays a short demonstration of speech synthesis and displays the language status.

Pointer speed: Sets the pointer speed on a slide bar.

Location

Use the Location access menu to set your preferences for using and sharing your location when you search for information and use location-based apps, such as Maps.

Tap the **Location** switch (at the upper-right corner of the screen) to enable sharing of your location.

Accounts & sync

Use the Accounts & sync settings menu to add, remove, and manage your Google and other supported accounts. You also use these settings to

control how and whether all applications send, receive, and sync data on their own schedules and whether all applications can synchronize user data automatically. Gmail, Calendar, and other applications may also have their own settings to control how they synchronize data; see the sections on those applications for details. Tap **Add account** to add new account.

Cloud

Using Content from the Cloud

You can use content from the cloud (i.e., Dropbox) in the Gallery and Music apps.

Using the Cloud

NOTE The supported features may vary depending on the cloud Retrieving data may take some time depending on the cloud.

1. Select **Cloud** in the Gallery and Music apps.
2. Select the cloud what you want to use and log in.
3. You can use the content of the cloud after logging in.
4. Set the cloud settings to select the app th use the cloud.

Accessibility

Improves accessibility for users who have impaired vision, hearing, or reduced dexterity.

TalkBack: Tap the **TalkBack** switch

(at the upper-right corner of the screen) to toggle it On or Off. On allows you to set up the TalkBack function which assists people with impaired vision by providing verbal feedback. Tap **Settings** (at the bottom of the screen) to adjust the TalkBack settings.
When TalkBack is turned on, the touchscreen settings require the user to first tap an item they want to select, and then double tap the item again in order to access this feature.

NOTE Passwords can be heard as they are entered when headsets are connected to the phone unless settings are changed to read passwords aloud without a headset.

Font size: Sets the font size. Choose from **Minimum, Small, Medium,**

Large, Very large, and Maximum.

Invert colors: Checkmark to invert the screen color contrast for people with difficulty perceiving colors.

Color adjustment: Tap the **Color adjustment** switch (at the upper-right corner of the screen) to toggle it On or Off. On allows you to adjust contrast and hue by dragging your finger across the screen.

Touch zoom: Tap the **Touch zoom** switch (at the upper-right corner of the screen) to toggle it On or Off. On allows you to zoom in and out by triple-tapping the screen.

Message/call voice notifications: Tap the Voice notifications switch (at the upper-right corner of the screen) to toggle it On or Off. On allows you to hear automatic spoken alerts for incoming calls and messages.

Calls: Checkmark to read caller information out loud.

Messages: Checkmark to read sender information out loud.

Read messages: Checkmark to read messages out loud.

Message/call voice notifications language: Tap to set Text-to-speech output.

Screen shade: Checkmark to dim the screen's backlight for a darker contrast.

Accessibility shortcut: Open accessibility options quickly on any screen.

Text-to-speech output: Tap to customize text-to-speech (TTS) settings.

Audio type: Sets the audio type. Choose **Mono** or **Stereo**.

Sound balance: Routes the sound through both the right and left channel when a headset is connected. To manually set the audio route, move the slider on the sound balance slide bar to set it.

Notification LED: Tap the **Notification LED** switch (at the upper-right corner of the screen) to toggle it On or Off. On activates the LED light for incoming calls and notifications.

Flash alerts: Checkmark to allow a flash to blink for incoming calls and notifications.

Call reject message: Checkmark to send a message customized for those with hearing impairments when a call is rejected.

Turn off all sounds: Checkmark to turn off all sounds.

Captions: Tap the **Captions** switch (at the upper-right corner of the screen) to toggle it On or Off. On customizes caption settings for those with hearing impairments. Set **Language**, **Font size**, and **Caption style**.

Touch feedback time: Sets the touch feedback. Choose from **Short**, **Medium, and Long.**

Touch assistant: Provide a touch board with easy use for general buttons or gestures to access in short. Tap the **Touch assistant** switch to toggle it On or Off. On allows you to replace the hardware keys with a Touch assistant board that is displayed on the touchscreen. Tap the Touch assistant icon to be able to tap its **Power** button, **Home** button, **Volume down** button, **Volume up** button, and the **1/2** (page) button (**Screen capture** button, **Accessibility** button, **Voice Mate** button, and **Pinch** button). Draw a "C" ("call") on the board to automatically display the Dial tab. Draw an "M" on the board to automatically display the Messaging app. Draw a "W" ("web") on the board to automatically launch the Chrome app. Draw an "S" ("Settings") on the board to automatically display the settings app. Draw an "L" ("Lock screen") on the board to lock the screen. Draw an "e" ("Email") on the board to automatically display the Email app.

Screen timeout: Sets the screen timeout. Choose from **15 sec, 30 sec, 1 min, 2 min, 5 min, 10 min, 15 min, and Keep screen turned on.**

Touch control areas: Tap the **Touch control areas** switch (at the upper-right corner of the screen) to toggle it On or Off. On allows you to select an area of the screen to limit touch control. Press the **Volume Down Button** and tap the **Home Key** at the same time to activate and deactivate this feature.

Auto-rotate screen: Checkmark to allow the phone to rotate the screen depending on the phone orientation (portrait or landscape).

Password voice confimation: Checkmark so that your phone can read passwords you enter.

Power key ends call: Checkmark so that you can end voice calls by pressing the **Power/Lock Button** (on the back of the phone). When

enabled, pressing the **Power/Lock Button** during a call does not lock the screen.

Accessibility settings shortcut: Sets quick, easy access to selected features when you triple-tap the **Home Key** ◯ (in the Touch Keys bar). Choose from **Off, Show all, TalkBack, Invert colors, Touch assistant**, and **Accessibility settings**.

One-touch input: Checkmark to enable one-touch input. It allows each finger touch to enter letter or character on the LG keyboard.

Switch Access: Set to control your device using configurable key combinations.

One-handed operation

Dial keypad: Checkmark to enable you to move the dial keypad to the right or left side of the touchscreen. Simply tap the arrow to move it to one side or the other.

LG keyboard: Checkmark to enable you to move the keyboard to the right or left side of the touchscreen. Simply tap the arrow to move it to one side or the other.

Lock screen: Checkmark to enable you to move the PIN Lock screen keypad to the right or left side of the touchscreen. Simply tap the arrow to move it to one side or the other.

Help: Displays information regarding one-handed operation.

Shortcut key

Tap the **Shortcut key** switch (at the upper-right corner of the screen) to toggle it **On** or **Off**. On allows quick access to apps by pressing and holding the Volume Buttons (on the back of the phone) when the screen is off or locked. Press and hold the **Volume Up Button** to access QuickMemo+. Press and hold the **Volume Down Button** access the Camera app.

Security

Use the Security menu to configure how to help secure your phone and its data.

Content lock: Select lock types to lock files in the Gallery app. Choose **Password** or **Pattern**.

Encrypt phone: Allows you to encrypt data on the phone for security. Each time you turn on your phone, a PIN or password will be required to decrypt your data.

Encrypt SD card storage: Allows you to encrypt of decrypt external SD card data. Encrypted data is not accessible to other devices.

Set up SIM card lock: Allows you to set a PIN to be required to use the phone. You can also change the PIN after setting it.

Password typing visible: Checkmark to briefly show each character of the password as you type so that you can see what you enter.

Phone administrators: Displays the list of administrators, allowing you to deactivate device administrators.

Unknown sources: Checkmark to allow installation of non-Play Store apps.

Verify apps: Checkmark to disallow or warn before installation of apps that may cause harm to your phone.

Storage type: Displays the current storage type for credentials (e.g., Hardware-backed).

Trusted credentials: Allows apps to access your phone's encrypted store of secure certificates, related passwords, and other credentials. The screen has a **System** tab and a **User** tab. Credential storage is used to establish some kinds of VPN and Wi-Fi connections. This setting is dimmed if you haven't set a password to secure your credential storage.

Install from storage: Allows you to install a secure certificate from storage.

Clear credentials: Deletes all secure certificates and related credentials and erases the secure storage's own password. Your're prompted to confirm you want to clear this data.

Trust agents: View or deactivate Trust agents, which allows you to select which apps to use without having to unlock the screen.

Screen pin: This feature allows you to lock your device so that the current user can only access the pinned app. This is useful for users with children.

Guest mode

Use Guest mode when you let someone else use your phone. They'll only be able to use the apps that you've selected. Once you set it up, you can easily put your phone in Guest mode by drawing a specified guest screen lock on the Lock screen that you set, which is different from your normal screen lock.

Guest mode: Tap the switch (at the upper-right corner of the screen) to toggle Guest mode On or Off. On allows you to put your phone in Guest mode from the Lock screen.

Allowed app: Tap to select the apps available in Guest mode.

Wallpaper: Sets the background (wallpaper) for your Guest mode Lock screen.

Lock screen type: Tap to create the screen lock sequence for Guest mode.

Help: Displays information regarding Guest mode.

Gestures

Answer an incoming call: During an incoming call, bring the phone to your ear to answer the call. If the proximity sensor is covered by an item, such as a phone case, it may cause incorrect action.

Fade out ringtone: You can set the phone to fade out the ringtone by picking up it from the flat surface during the incoming call. If proximity sensor is covered by anything, such as a phone case, it may cause incorrect action.

Silence incoming calls: You can set the phone to silence incoming calls by just flipping the phone.

Snooze or stop alarm: You can set the phone to snooze or stop the alarm by just flipping the phone.

Pause video: You can set the phone to pause the video by just flipping the phone.

Help: Allows you to view help information for the available gestures.

Motion sensor calibration: Improves the accuracy of the tilt and speed of the sensor.

QuickCircle case

Select apps: Sets the apps that can be used directly in the case's window without opening the case.

Auto-unlock: Checkmark to automatically unlock the screen when you open the case and the screen lock is set to swipe.

Help: Displays QuickCircle case information.

Dual window

Split view: Checkmark to automatically open the Dual window feature when you tap a link on the full screen or tap an email attachment (images only).

Help: Displays help information about using the Dual window feature.

Date & time

Auto-date & time: Checkmark to use the network-provided date and time.

Auto-time zone: Checkmark to use the network-provided time zone.

Set date: Tap to manually set the date to use for your phone. This setting is grayed-out when the **Auto-date & time** setting is checkmarked.

Set time: Tap to manually set the time to use for your phone. This setting is grayed-out when the **Auto-date & time** setting is checkmarked.

Select time zone: Tap to select select a time zone other than the one provided by the network. This setting is grayed-out when the **Auto-time zone setting** is checkmarked.

Use 24-hour format: Checkmark to display the time using the 24-hour time format (for example, 13:00 instead of 1:00 pm).

Select date format: Sets the format for displaying dates.

Storage

Use the Storage menu to monitor the used and available space in your phone.

INTERNAL STORAGE

Total space: Displays the total amount of space in the phone's memory. It's listed in Gigabytes and also on a colored bar graph with a color-coordinated list of the apps as well as the amount of space they use. Remaining memory space is gray-colored.

SD CARD

Total space: Displays the total amount of your external memory.

Available: Displays the amount of space available in your external memory.

Mount/Unmount SD card: Allows your phone to recognize your microSD card and release it to safely remove your microSD card.

Erase SD card: Erases all of the data stored on your microSD card.

Battery

The Battery charge information is displayed on a battery graphic along with the percentage of the remaining charge and its status.
Touch the Battery charge icon to display the Battery use screen to see the battery usage level and battery use details. It displays which components and apps are using the most battery power. Tap one of the entries to see more detailed information.

Smart cleaning

This menu shows the space in use and free space in your phone. Tap (at the upper-right corner of the screen), then tap **Settings** to set the notification interval and idle time period. Tap a folder, then tap **Clean** (at the bottom of the screen) to clear the files in that folder to optimize space.

Apps

Use the Application manager menu to view details about the apps installed on your phone, manage their data, and force them to stop.

Swipe left and right to select one of the three tabs across the top of the screen to view detailed information for DOWNLOADED, ON SD CARD, RUNNING, and ALL apps. Tap an entry to view more information, tap **Stop** (or **Force stop**), then **OK** to stop an app from running.

Default message app

This feature allows you to choose what application to use as your default messaging application.

Backup & reset

This menu allows you to back up and/or erase your data.

Back up my data: Checkmark to backup app data, Wi-Fi passwords, and other settings to Google servers.

Backup account: Sets the account to backup.

Automatic restore: Checkmark to allow the phone to automatically restore backed up settings and data when an app is reinstalled on the phone.

LG Backup service: Allows you to backup and restore your phone's data. You can also schedule backups.

Factory data reset: Allows you to erase all of the data on the phone. Read the warning, then tap **Reset phone** at the bottom of the screen, then tap Erase everything to confirm.

Printing

Cloud Print: Tap the **Cloud Print** switch (at the top of the screen) to toggle it On or Off. **On** searches for printers and allows you to select a printer via the Cloud feature.

About phone

This menu allows you to manage your software updates and view various information relating to your device.

Phone name: Tap to edit your phone name.

Update Center: Check updates for apps and software provided by LG Electronics.

Network: Displays your Network, Signal strength, Mobile network type, Service state, Roaming, Mobile network state, IP address.

Status: Displays your phone number, MIN, MEID HEX, MEID DEC, IMEI, PRL Version, ICCID.

Battery: Displays Battery status, Battery level, and Battery use.

Hardware info: Display Model number, Up time, Wi-Fi MAC address, Blutooth address.

Software info: Displays Android version, Baseband version, Kernel version, Build number, Software version, and SCR version.

Legal info: Displays open source licenses, Google legal information, and Legal Documents for LG Software.

Patent information: Displays LG patent information.

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. *Wash hands after handling*.

TIA Safety Information

The following is the complete TIA Safety Information for wireless handheld phones.

Exposure to Radio Frequency Signal

Your wireless handheld portable phone is a low power radio transmitter and receiver. When ON, it receives and sends out Radio Frequency (RF) signals.

In August, 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for handheld wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

ANSI C95.1 (1992) *

NCRP Report 86 (1986)

ICNIRP (1996)

*American National Standards Institute; National Council on Radiation Protection and Measurements; International Commission on Non-Ionizing Radiation Protection

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1).

The design of your phone complies with the FCC guidelines (and those standards).

Antenna Care

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

Phone Operation

NORMAL POSITION: Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.

Tips on Efficient Operation

For your phone to operate most efficiently:

Don't touch the antenna unnecessarily when the phone is in use. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.

Driving

Check the laws and regulations on the use of wireless phones in the areas where you drive and always obey them. Also, if using your phone while driving, please observe the following:

- Give full attention to driving – driving safely is your first responsibility;
- Use hands-free operation, if available;
- Pull off the road and park before making or answering a call if driving conditions or the law require it.

Electronic Devices

Most modern electronic equipment is shielded from RF signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six (6) inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers:

- Should ALWAYS keep the phone more than six (6) inches from their pacemaker when the phone is turned ON;

- Should not carry the phone in a breast pocket;
- Should use the ear opposite the pacemaker to minimize the potential for interference;
- Should turn the phone OFF immediately if there is any reason to suspect that interference is taking place.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider (or call the customer service line to discuss alternatives).

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Health Care Facilities

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may use equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Turn your phone OFF in any facility where posted notices so require.

Aircraft

FCC regulations prohibit using your phone while in the air. Switch OFF your phone before boarding an aircraft.

Blasting Areas

To avoid interfering with blasting operations, turn your phone OFF when in a "blasting area" or in areas posted: "Turn off two-way radio". Obey all signs and instructions.

Potentially Explosive Atmosphere

Turn your phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always marked clearly. Potential areas may include: fueling areas (such as gasoline stations); below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles (such as grain, dust, or metal powders); and any other area where you would normally be advised to turn off your vehicle engine.

For Vehicles Equipped with an Air Bag

An air bag inflates with great force. DO NOT place objects, including either installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Safety Information

Please read and observe the following information for safe and proper use of your phone and to prevent damage.

Violation of the instructions may cause minor or serious damage to the product.

Charger and Adapter Safety

- The charger and adapter are intended for indoor use only.
- Insert the battery pack charger vertically into the wall power socket.
- Only use the approved battery charger. Otherwise, you may cause

serious damage to your phone.

- Use the correct adapter for your phone when using the battery pack charger abroad.

Battery Information and Care

- Always unplug the charger from the wall socket after the phone is fully charged to save unnecessary power consumption of the charger.
- Please read the manual of proper installation and removal of the battery.
- Please read the manual of specified charger about charging method.
- Do not damage the power cord by bending, twisting, or heating. Do not use the plug if it is loose as it may cause electric shock or fire. Do not place any heavy items on the power cord. Do not allow the power cord to be crimped as it may cause electric shock or fire.
- Unplug the power cord prior to cleaning your phone, and clean the power plug pin when it's dirty. When using the power plug, ensure that it's firmly connected. If not, it may cause excessive heat or fire. If you put your phone in a pocket or bag without covering the receptacle of the phone (power plug pin), metallic articles (such as a coin, paperclip or pen) may short-circuit the phone. Always cover the receptacle when not in use.
- Recharge the battery after long periods of non-use to maximize battery life. Battery life will vary due to usage pattern and environmental conditions.
- Please use only an LG-approved charging accessory to charge your LG phone. Improper handling of the charging port, as well as the use of an incompatible charger, may cause damage to your phone and void the warranty.
- Charging temperature range is regulated between 32°F (0°C) and 113°F (45°C). Do not charge the battery out of recommended temperature range. Charging out of recommended range might cause the generating heat or serious damage of battery. And also, it might cause the deterioration of battery's characteristics and cycle life.
- Do not use or leave the battery under the blazing sun or in heated car by sunshine. The battery may generate heat, smoke or flame. And also, it might cause the deterioration of battery's characteristics or cycle life.

- The battery pack has protection circuit to avoid the danger. Do not use nearby the place where generates static electricity more than 100V which gives damage to the protection circuit. If the protection circuit were broken, the battery would generate smoke, rupture or flame.
- When the battery has rust, bad smell or something abnormal at first-time-using, do not use the equipment and go to bring the battery to the shop which it was bought.
- In case younger children use the battery, their parents should teach them how to use batteries according to the manual with care.
- If the skin or cloth is smeared with liquid from the battery, wash with fresh water. It may cause the skin inflammation. Remove and do not use the battery.
- Do not handle the phone with wet hands while it is being charged. It may cause an electric shock or seriously damage your phone.
- Do not place or answer calls while charging the phone as it may short-circuit the phone and/or cause electric shock or fire.
- The charger and adapter are intended for indoor use only.
- Insert the battery pack charger vertically into the wall power socket.
- Only use the LG-approved battery charger. Otherwise, you may cause serious damage to your phone and risk of overheating, fire or explosion may occur.
- Use the correct adapter for your phone when using the battery pack charger abroad.
- Talking on your phone for a long period of time may reduce call quality due to heat generated during use.
- Do not use harsh chemicals (such as alcohol, benzene, thinners, etc.) or detergents to clean your phone. This could cause a fire. Do not place or answer calls while charging the phone as it may short-circuit the phone and/or cause electric shock or fire. Don't short-circuit the battery. Metallic articles such as a coin, paperclip or pen in your pocket or bag may short-circuit the + and – terminals of the battery (metal strips on the battery) upon moving. Short-circuit of the terminal may damage the battery and cause an explosion.

- Never use and unapproved battery since this could damage the phone and/or battery and could cause the battery to explode. Only use the batteries and chargers provided by LG. The warranty will not be applied to products provided by other suppliers. Only authorized personnel should service the phone and its accessories. Faulty installation or service may result in accidents and consequently invalidate the warranty.

Explosion, Shock, and Fire Hazards

- Do not put your phone in a place subject to excessive dust and keep the minimum required distance between the power cord and heat sources.
- Unplug the power cord prior to cleaning your phone, and clean the power plug pin when it's dirty.
- When using the power plug, ensure that it's firmly connected. If not, it may cause excessive heat or fire.
- If you put your phone in a pocket or bag without covering the receptacle of the phone (power plug pin), metallic articles (such as a coin, paperclip or pen) may short-circuit the phone. Always cover the receptacle when not in use.
- Don't short-circuit the battery. Metallic articles such as a coin, paperclip or pen in your pocket or bag may short-circuit the + and – terminals of the battery (metal strips on the battery) upon moving. Short-circuit of the terminal may damage the battery and cause an explosion.

General Notice

- Using a damaged battery or placing a battery in your mouth may cause serious injury.
- Do not place items containing magnetic components such as a credit card, phone card, bank book, or subway ticket near your phone. The magnetism of the phone may damage the data stored in the magnetic strip.
- Talking on your phone for a long period of time may reduce call quality due to heat generated during use.
- When the phone is not used for a long period time, store it in a safe place with the power cord unplugged.

- Using the phone in proximity to receiving equipment (i.e., TV or radio) may cause interference to the phone.
- Do not use the phone if the antenna is damaged. If a damaged antenna contacts skin, it may cause a slight burn. Please contact an LG Authorized Service Center to replace the damaged antenna.
- Do not immerse your phone in water. If this happens, turn it off immediately and remove the battery. If the phone does not work, take it to an LG Authorized Service Center.
- Do not paint your phone.
- The data saved in your phone might be deleted due to careless use, repair of the phone, or upgrade of the software. Please backup your important phone numbers. (Ringtones, text messages, voice messages, photos, and videos could also be deleted.) The manufacturer is not liable for damage due to the loss of data.
- When you use the phone in public places, set the ringtone to vibration so you don't disturb others.
- Do not turn your phone on or off when putting it to your ear.
- Use accessories, such as earphones and headsets, with caution. Ensure that cables are tucked away safely and do not touch the antenna unnecessarily.
- Do not use your device for long periods of time while a part of your body is making direct contact with it. The temperature of the product may increase during normal operation and this may result in harming or burning your skin.

Caution: Avoid potential hearing loss.

Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cellular telephones, at high volume settings for long durations may lead to permanent noise induced hearing loss. This includes the use of

headphones (including headsets, earbuds and Bluetooth® or other wireless devices). Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound and distorted hearing. Individual susceptibility to noise-induced hearing loss and other potential hearing problems varies.

The amount of sound produced by a portable audio device varies depending on the nature of the sound, the device, the device settings and the headphones. You should follow some commonsense recommendations when using any portable audio device:

- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.
- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, use noise-cancelling headphones to block out background environmental noise.
- Limit the amount of time you listen. As the volume increases, less time is required before your hearing could be affected.
- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

  You can obtain additional information on this subject from the following sources:

American Academy of Audiology

11730 Plaza American Drive, Suite 300

Reston, VA 20190

Voice: (800) 222-2336

Email: info@audiology.org

Internet: www.audiology.org

National Institute on Deafness and Other Communication Disorders

National Institutes of Health

31 Center Drive, MSC 2320

Bethesda, MD USA 20892-2320

Voice: (301) 496-7243

Email: nidcdinfo@nih.gov

Internet: http://www.nidcd.nih.gov/health/hearing

National Institute for Occupational Safety and Health

Hubert H. Humphrey Bldg.

200 Independence Ave., SW

Washington, DC 20201

Voice: 1-800-35-NIOSH (1-800-356-4674)

Internet: http://www.cdc.gov/niosh/topics/noise/default.html

FDA Consumer Update

The U.S. Food and Drug Administration's Center for Devices and Radiological Health Consumer Update on Mobile Phones:

1. Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of Radio Frequency (RF) energy in the microwave range while being used. They also emit very low levels of RF when in standby mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

2. What is the FDA's role concerning the safety of wireless phones?

Under the law, the FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit Radio Frequency (RF) energy at a level that is hazardous to the user. In such a case, the FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace, or recall the phones so that the hazard no longer exists.

Although the existing scientific data does not justify FDA regulatory actions, the FDA has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the

user that is not necessary for device function; and

- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

The FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

The FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. The FCC relies on the FDA and other health agencies for safety questions about wireless phones.

The FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones. Base stations are thus not the subject of the safety questions discussed in this document.

3. What kinds of phones are the subject of this update?

The term "wireless phone" refers here to handheld wireless phones with built-in antennas, often called "cell", "mobile", or "PCS" phones. These types of wireless phones can expose the user to measurable Radio Frequency (RF) energy because of the short distance between the phone and the user's head.

These RF exposures are limited by FCC safety guidelines that were

developed with the advice of the FDA and other federal health and safety agencies. When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones," which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures far below the FCC safety limits.

4. What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of Radio Frequency (RF) energy exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in the absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we do not know with certainty what the results of such studies mean for human health. Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phone RF exposures. However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

5. What research is needed to decide whether RF exposure from wireless phones poses a health risk?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are

needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect, if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but ten or more years follow-up may be needed to provide answers about some health effects, such as cancer. This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

6. What is the FDA doing to find out more about the possible health effects of wireless phone RF?

The FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to Radio Frequency (RF) energy.

The FDA has been a leading participant in the World Health Organization International Electro Magnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The project has also helped develop a series of public information documents on EMF issues.

The FDA and the Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research And Development Agreement (CRADA) to do research on wireless phone safety. The FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts with independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

7. How can I find out how much Radio Frequency energy exposure I can get by using my wireless phone?

All phones sold in the United States must comply with Federal Communications Commission (FCC) guidelines that limit Radio Frequency (RF) energy exposures. The FCC established these guidelines in consultation with the FDA and the other federal health and safety agencies. The FCC limit for RF exposure from wireless phones is set at a Specific Absorption Rate (SAR) of 1.6 watts per kilogram (1.6 W/kg). The FCC limit is consistent with the safety standards developed by the Institute of Electrical and Electronic Engineering (IEEE) and the National Council on Radiation Protection and Measurement. The exposure limit takes into consideration the body's ability to remove heat from the tissues that absorb energy from the wireless phone and is set well below levels known to have effects. Manufacturers of wireless phones must report the RF exposure level for each model of phone to the FCC. The FCC website (http://www.fcc.gov/cgb/cellular.html) gives directions for locating the FCC identification number on your phone so you can find your phone's RF exposure level in the online listing.

8. What has the FDA done to measure the Radio Frequency energy coming from wireless phones?

The Institute of Electrical and Electronic Engineers (IEEE) is developing a technical standard for measuring the Radio Frequency (RF) energy exposure from wireless phones and other wireless handsets with the participation and leadership of FDA scientists and engineers. The standard, "Recommended Practice for Determining the Spatial-Peak Specific Absorption Rate (SAR) in the Human Body Due to Wireless Communications Devices: Experimental Techniques", sets forth the first consistent test methodology for measuring the rate at which RF is deposited in the heads of wireless phone users. The test method uses a tissue-simulating model of the human head. Standardized SAR test methodology is expected to greatly improve the consistency of measurements made at different laboratories on the same phone. SAR is the measurement of the amount of energy absorbed in tissue, either by the whole body or a small part of the body. It is measured in watts/kg (or

milliwatts/g) of matter. This measurement is used to determine whether a wireless phone complies with safety guidelines.

9. What steps can I take to reduce my exposure to Radio Frequency energy from my wireless phone?

If there is a risk from these products - and at this point we do not know that there is - it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to Radio Frequency (RF) energy. Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure. If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna. Again, the scientific data does not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

10. What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to Radio Frequency (RF) energy, the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

11. What about wireless phone interference with medical equipment?

Radio Frequency (RF) energy from wireless phones can interact with some electronic devices. For this reason, the FDA helped develop a detailed test method to measure Electro Magnetic Interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical Instrumentation (AAMI). The final draft, a joint effort by the FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI.

The FDA has tested hearing aids for interference from handheld wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a "compatible" phone and a "compatible" hearing aid at the same time. This standard was approved by the IEEE in 2000.

The FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, the FDA will conduct testing to assess the interference and work to resolve the problem.

12. Where can I find additional information?

For additional information, please refer to the following resources:

FDA web page on wireless phones (http://www.fda.gov/cellphones/)

Federal Communications Commission (FCC) RF Safety Program (http://www.fcc.gov/oet/rfsafety)

International Commission on Non-Ionizing Radiation Protection (http://www.icnirp.de)

World Health Organization (WHO) International EMF Project (http://www.who.int/emf)

National Radiological Protection Board (UK) (http://www.hpa.org.uk/radiation/)

10 Driver Safety Tips

Your wireless phone gives you the powerful ability to communicate by voice almost anywhere, anytime. An important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When operating a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

1. Get to know your wireless phone and its features such as speed dial and redial. Carefully read your instruction manual and learn to take advantage of valuable features most phones offer, including automatic redial and memory. Also, work to memorize the phone keypad so you can use the speed dial function without taking your attention off the road.
2. When available, use a hands-free device. A number of hands-free wireless phone accessories are readily available today. Whether you choose an installed mounted device for your wireless phone or a speaker phone accessory, take advantage of these devices if available to you.
3. Make sure you place your wireless phone within easy reach and where you can reach it without removing your eyes from the road. If you get an incoming call at an inconvenient time, if possible, let your voicemail answer it for you.
4. Suspend conversations during hazardous driving conditions or situations. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, and ice can be hazardous, but so is heavy traffic. As a driver, your first responsibility is to pay attention to the road.
5. Don't take notes or look up phone numbers while driving. If you are reading an address book or business card, or writing a "to-do" list while

driving a car, you are not watching where you are going. It is common sense. Do not get caught in a dangerous situation because you are reading or writing and not paying attention to the road or nearby vehicles.

6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan your calls before you begin your trip or attempt to coincide your calls with times you may be stopped at a stop sign, red light, or otherwise stationary. But if you need to dial while driving, follow this simple tip - dial only a few numbers, check the road and your mirrors, then continue.
7. Do not engage in stressful or emotional conversations that may be distracting. Stressful or emotional conversations and driving do not mix; they are distracting and even dangerous when you are behind the wheel of a car. Make people you are talking with aware you are driving and if necessary, suspend conversations which have the potential to divert your attention from the road.
8. Use your wireless phone to call for help. Your wireless phone is one of the greatest tools you can own to protect yourself and your family in dangerous situations – with your phone at your side, help is only three numbers away. Dial 911 or other local emergency number in the case of fire, traffic accident, road hazard, or medical emergency. Remember, it's a free call on your wireless phone!
9. Use your wireless phone to help others in emergencies. Your wireless phone provides you a perfect opportunity to be a "Good Samaritan" in your community. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 911 or other local emergency number, as you would want others to do for you.
10. Call roadside assistance or a special wireless non-emergency assistance number when necessary. Certain situations you encounter while driving may require attention, but are not urgent enough to merit a call for emergency services. But you can still use your wireless phone to lend a hand. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.

The above tips are meant as general guidelines. Before deciding to use

your mobile device while operating a vehicle, it is recommended that you consult your applicable jurisdiction's local laws or other regulations regarding such use. Such laws or other regulations may prohibit or otherwise restrict the manner in which a driver may use his or her phone while operating a vehicle.

Consumer Information on SAR

(Specific Absorption Rate)

This model phone meets the Government's requirements for exposure to radio waves. Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government. These FCC exposure limits are derived from the recommendations of two expert organizations, the National Counsel on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE). In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg). The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

Tests for SAR are conducted using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. Because the phone is designed to operate at multiple power levels to use only the power required to reach

the network, in general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model.

This device was tested for typical body-worn operations with the back of the phone kept 0.39 inches (1.0 cm) between the user's body and the back of the phone. To comply with FCC RF exposure requirements, a minimum separation distance of 0.39 inches (1.0 cm) must be maintained between the user's body and the back of the phone. Any belt-clips, holsters, and similar accessories containing metallic components may not be used. Body-worn accessories that cannot maintain 0.39 inches (1.0 cm) separation distance between the user's body and the back of the phone, and have not been tested for typical body-worn operations may not comply with FCC RF exposure limits and should be avoided.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines.

The highest SAR value for this model phone when tested for use at the ear is 0.43 W/kg and when worn on the body, as described in this user's manual, is 0.85 W/kg (body-worn/hotspot measurement differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/oet/ea/fccid/ after searching on FCC ID ZNFUS990.

To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone. Sometimes it may be necessary to remove the battery pack

to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) website at http://www.ctia.org/

*In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices

On July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order in WT Docket 01-309 modified the exception of wireless phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless phones be compatible with hearing-aids. The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities.

While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless phones, to assist hearing device users to find phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. T4 is the better/ higher of the two ratings.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless phone rating values are then added together. A sum of 5 is considered acceptable for normal use. A sum of 6 is considered for best use.

In the example to the left, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equal M5. This should provide the hearing aid user with "normal usage" while using their hearing aid with the particular wireless phone. "Normal usage" in this context is defined as a signal quality that's acceptable for normal operation.

The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Rules. The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

To enter that the Hearing Aid Compatibility rating for your phone is maintained, secondary transmitters such as Bluetooth and WLAN components must be disabled during a call.

Wireless Phones and Hearing Aid Accessibility

http://www.accesswireless.org/

Gallaudet University, RERC

http://tap.gallaudet.edu/Voice/

FCC Hearing Aid Compatibility and Volume Control

http://www.fcc.gov/cgb/dro/hearing.html

The Hearing Aid Compatibility FCC Order

http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-03-168A1.pdf

Hearing Loss Association of America [HLAA]

http://hearingloss.org/content/telephones-and-mobile-devices

Laser Safety Statement

CDRH Compliance

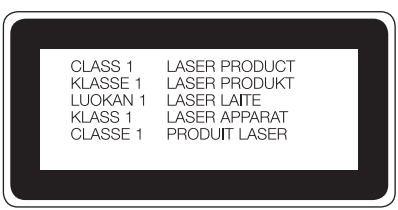
THIS PRODUCT COMPLIES WITH APPLICABLE REQUIREMENT OF THE DHHS PERFORMANCE STANDARD FOR LASER PRODUCT, 21 CFR SUBCHAPTER J.

Caution!

This product employs a laser system. To ensure proper use of this product, please read this owner's manual carefully and retain for future reference. Should the unit require maintenance, contact an authorised service center.

Use of controls, adjustments, or the performance of procedures other than those specified herein may result in hazardous radiation exposure.

To prevent direct exposure to laser beam, do not try to open the enclosure or make direct contact with the laser.



Instructions for Wireless Charger

Be sure to use a wireless charger that is genuine or compatibilitycertified (by WPC Qi standards).
(Wireless charger is sold separately.)

DivX Mobile

ABOUT DIVX VIDEO: DivX® is a digital video format created by DivX, LLC, a subsidiary of Rovi Corporation. This is an official DivX Certified® device that has passed rigorous testing to verify that it plays DivX video. Visit divx.com for more information and software tools to convert your files into DivX videos.

ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu. Go to vod. divx.com for more information on how to complete your registration.

DivX Certified® to play DivX® video up to HD 720p, including premium content. DivX®, DivX Certified® and associated logos are trademarks of Rovi Corporation or its subsidiaries and are used under license.

Dolby Digital Plus License Notice

Manufactured under license from Dolby Laboratories. Dolby, Dolby Digital Plus, and the double-D symbol are trademarks of Dolby Laboratories.

Notice: Open Source Software
To obtain the source code under GPL, LGPL, MPL, and other open source licenses, that is contained in this product, please visit http://opensource.lge.com.
In addition to the source code, all referred license terms, warranty disclaimers and copyright notices are available for download.
LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) upon email request to opensource@lge.com. This offer is valid for three (3) years from the date on which you purchased the product.

1. WHAT THIS WARRANTY COVERS:

LG offers you a limited warranty that the enclosed subscriber unit and its enclosed accessories will be free from defects in material and workmanship, according to the following terms and conditions:

(1) The limited warranty for the product extends for TWELVE (12) MONTHS beginning on the date of purchase of the product with valid proof of purchase, or absent valid proof of purchase, FIFTEEN (15) MONTHS from date of manufacture as determined by the unit's manufacture date code.

(2) The limited warranty extends only to the original purchaser of the product and is not assignable or transferable to any subsequent purchaser/end user.

(3) This warranty is good only to the original purchaser of the product during the warranty period as long as it is in the U.S., including Alaska, Hawaii, U.S. Territories and Canada.

(4) The external housing and cosmetic parts shall be free of defects at the time of shipment and, therefore, shall not be covered under these limited warranty terms.

(5) Upon request from LG, the consumer must provide information to reasonably prove the date of purchase.

(6) The customer shall bear the cost of shipping the product to the Customer Service Department of LG. LG shall bear the cost of shipping the product back to the consumer after the completion of service under this limited warranty.

2. WHAT THIS WARRANTY DOES NOT COVER:

(1) Defects or damages resulting from use of the product in other than its normal and customary manner.

(2) Defects or damages from abnormal use, abnormal conditions, improper storage, exposure to moisture or dampness, unauthorized modifications, unauthorized connections, unauthorized repair, misuse, neglect, abuse, accident, alteration, improper installation, or other acts which are not the fault of LG, including damage caused by shipping, blown fuses, spills of food or liquid.

(3) Breakage or damage to antennas unless caused directly by defects in material or workmanship.

(4) That the Customer Service Department at LG was not notified by consumer of the alleged defect or malfunction of the product during the applicable limited warranty period.

(5) Products which have had the serial number removed or made illegible.

(6) This limited warranty is in lieu of all other warranties, express or implied either in fact or by operations of law, statutory or otherwise, including, but not limited to any implied warranty of marketability or fitness for a particular use.

(7) Damage resulting from use of non LG approved accessories.

(8) All plastic surfaces and all other externally exposed parts that are scratched or damaged due to normal customer use.

(9) Products operated outside published maximum ratings.

(10) Products used or obtained in a rental program.

(11) Consumables (such as fuses).

3. WHAT LG WILL DO:

LG will, at its sole option, either repair, replace or refund the purchase price of any unit that does not conform to this limited warranty. LG may choose at its option to use functionally equivalent re-conditioned, refurbished or new units or parts or any units. In addition, LG will not re-install or back-up any data, applications or software that you have added to your phone. It is therefore recommended that you back-up any such data or information prior to sending the unit to LG to avoid the permanent loss of such information.

4. STATE LAW RIGHTS:

No other express warranty is applicable to this product. THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MARKETABILITY, IS LIMITED TO THE DURATION OF THE EXPRESS WARRANTY HEREIN. LG SHALL NOT BE LIABLE FOR THE LOSS OF THE USE OF THE PRODUCT, INCONVENIENCE, LOSS OR ANY OTHER DAMAGES, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THE USE OF, OR INABILITY TO USE, THIS PRODUCT OR FOR ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING THE IMPLIED WARRANTY OF MARKETABILITY APPLICABLE TO THIS PRODUCT.

Some states do not allow the exclusive limitation of incidental or consequential damages or limitations on how long an implied warranty lasts; so these limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which

vary from state to state.

5. HOW TO GET WARRANTY SERVICE:

If you experience any problems with either the Bluetooth headset or the mobile handset, in each case as may be covered by this limited warranty, you need only return the affected device. For example, if a problem exists with the Bluetooth headset, please DO NOT return your mobile handset with the headset. Likewise, if a problem exists with the mobile handset, please DO NOT return the Bluetooth Headset with the handset.

To obtain warranty service, please call or fax to the following telephone numbers from anywhere in the continental United States:

Tel. 1-800-793-8896 or Fax. 1-800-448-4026

Or visit http://us.lgservice.com. Correspondence may also be mailed to:

LG Electronics Service- Mobile Handsets, P.O. Box 240007, Huntsville, AL 35824

DO NOT RETURN YOUR PRODUCT TO THE ABOVE ADDRESS.

Please call or write for the location of the LG authorized service center nearest you and for the procedures for obtaining warranty claims.

7.11 Warranty Laws

The following laws govern warranties that arise in retail sales of consumer goods:

- The California Song-Beverly Consumer Warranty Act [CC §§1790 et seq],
- The California Uniform Commercial Code, Division Two [Com C §§2101 et seq], and
- The federal Magnuson-Moss Warranty Federal Trade Commission Improvement Act [15 USC §§2301 et seq; 16 CFR Parts 701– 703]. A typical Magnuson-Moss Act warranty is a written promise that the product is free of defects or a written promise to refund, repair, or replace defective goods. [See 15 USC §2301(6).] Remedies include damages for failing to honor a written warranty or service contract or for violating disclosure provisions. [See 15 USC §2310(d).] Except for some labeling and disclosure requirements, the federal Act does not preempt state law. [See 15 USC §2311.]

The Consumer Warranty Act does not affect the rights and obligations of parties under the state Uniform Commercial Code, except the provisions of the Act prevail over provisions of the Commercial Code when they conflict. [CC §1790.3.]

For purposes of small claims actions, this course will focus on rights and duties under the state laws.

Numbers

10 Driver Safety Tips 131

A

Adding Contacts 57

Answering or Rejecting Calls 46

C

Calculator 87

Calendar 86

Calling Your Contacts 48

Camera and Video 64

Cautions 10

Charge the Phone 19

Charging the Phone 23

Chrome 54

Clock 88

Connecting to Mobile Networks 39

Connecting to Networks and Devices 39

Connecting to Wi-Fi Networks 40

Consumer Information on SAR 133

Contacts 57

D

Display 100

Dual Play 73

Dual window 80

E

ELECTRICAL SAFETY 3

Email 60

F

FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices 135

FDA Consumer Update 124

File Manager 92

G

Gallery 73

Getting to Know the Home Screen 29

Gmail 62

Guest Mode 37

H

Hangouts 63

Hardware key control mode 32

I

Important Customer Information 3

Insert the Battery 19

L

Listening to Your Voicemail 51

M

Managing Multiple Calls 50

Managing Notifications 33

Maps 55

Messaging 59

Music 75

N

Networks 94

O

Opening YouTube and Watching Videos 77

Options During a Call 49

P

Phone Overview 15

Phone's Status Icons 26

Placing and Ending Calls 43

Play Store 74

Q

QSlide 77

QSlide icons on the Notifications panel 78

QuickMemo+ 81

QuickRemote 83

R

Record Videos 66

Remove the Back Cover 18

Removing the Battery and SIM Card 20

Replace the Back Cover 19

S

Safety Information 117

Setting and Activating Alarms 88

Settings 94

Setting the Timer 90

Setting the World Clock 90

Setting Up Your Phone 18

Setting your Lock screen 35

Sound 99

T

Taking Pictures 65

Tasks 93

TIA Safety Information 114

Touchscreen 30

Transferring Music Files to Your Phone 75

Turning the Phone On and Off 24

U

USB Connection 41

Using SmartShare 41

Using the Magic Remote feature 85

Using the Stopwatch 90

V

Viewing 86

Voice Command 91

Voice Recorder 91

Voice Search 91

W

Working with Menus 33

Working With the Recent Tab 46

Y

Your Google Account 38

YouTube™ 77

LG
Life's Good